

FIG. 1 (a)

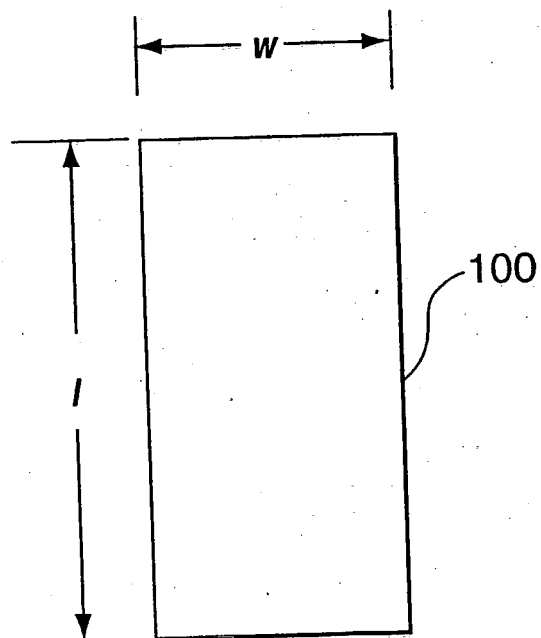


FIG. 1 (b)

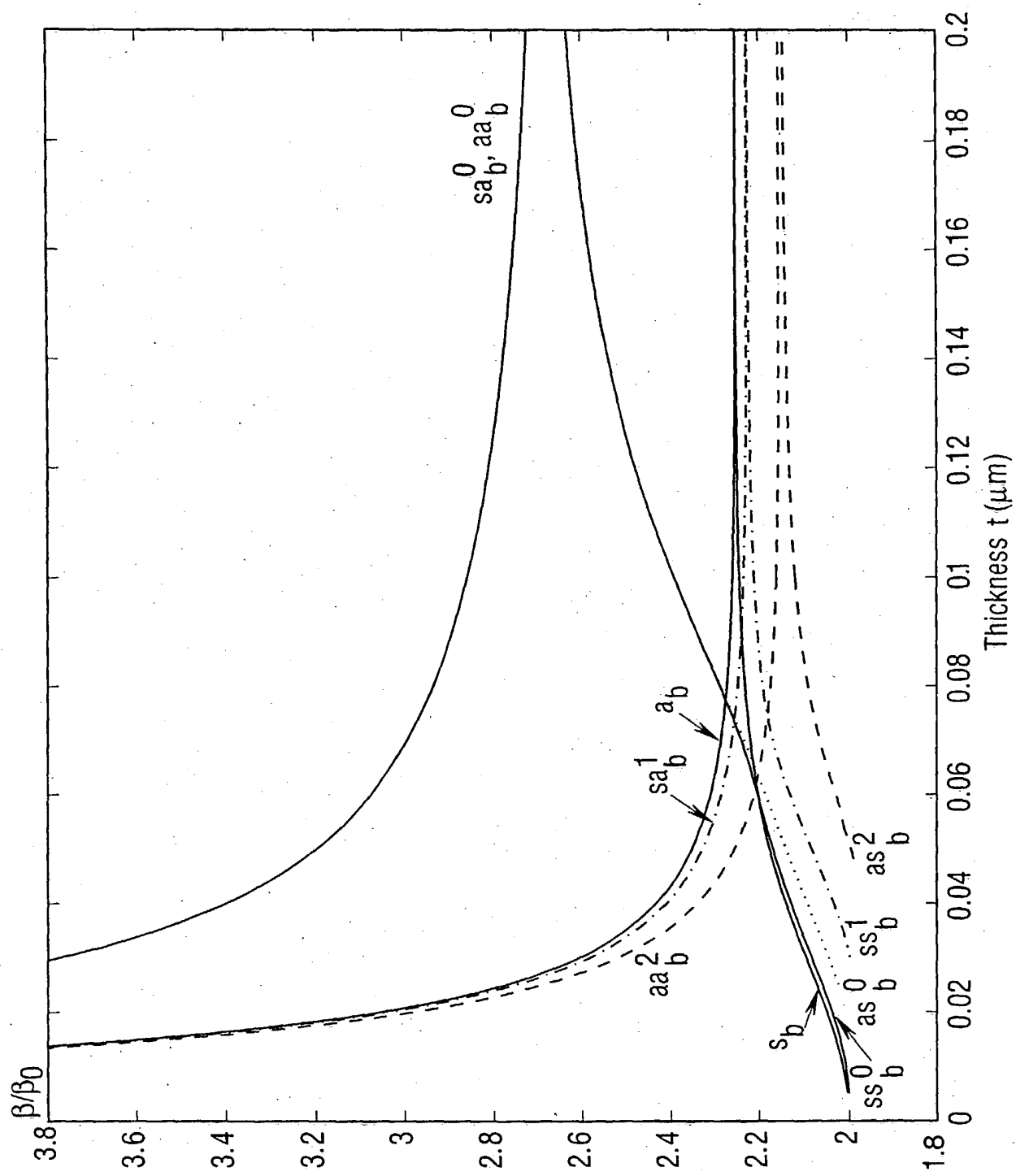


FIG. 2 (a)

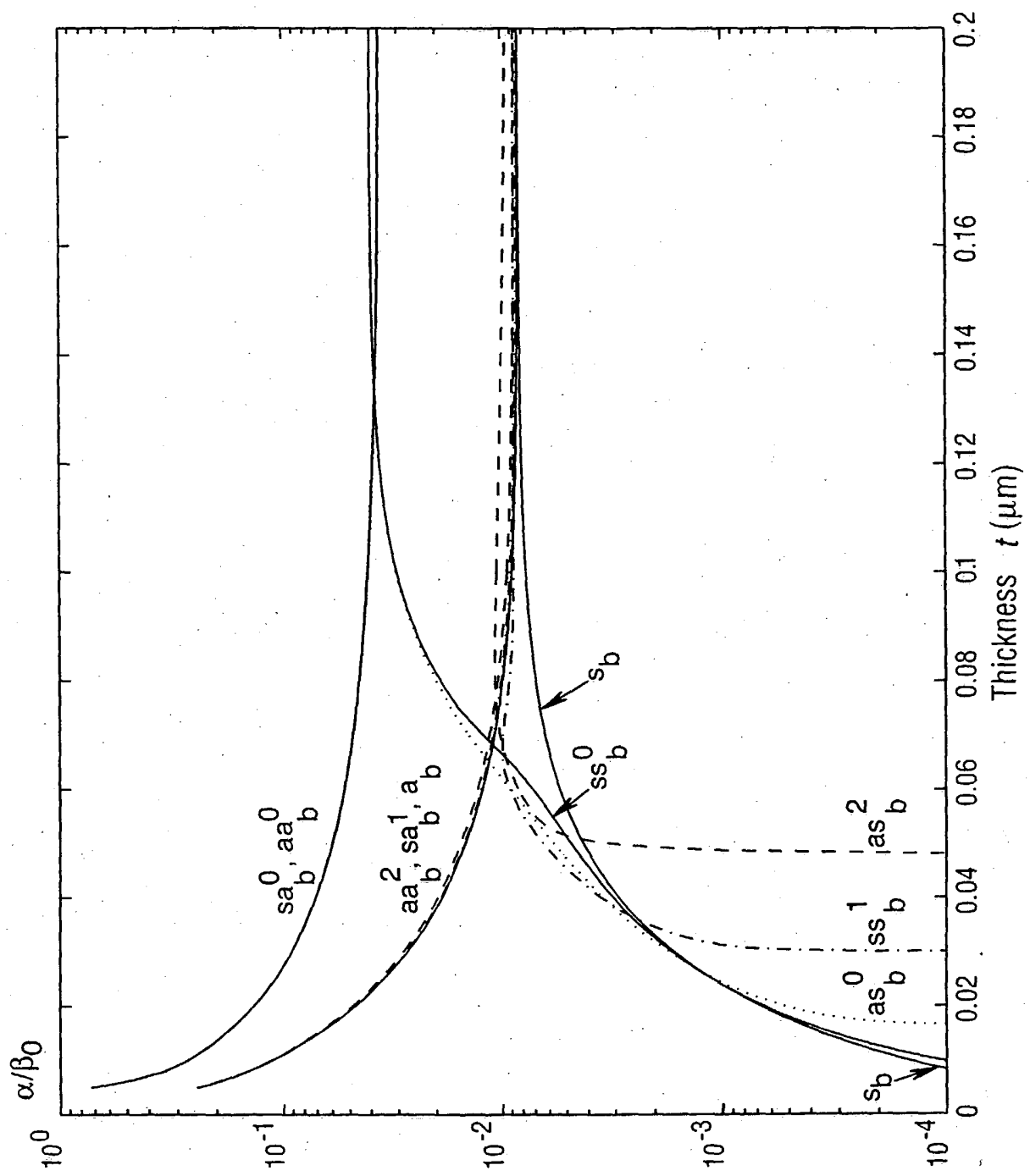


FIG. 2(b)

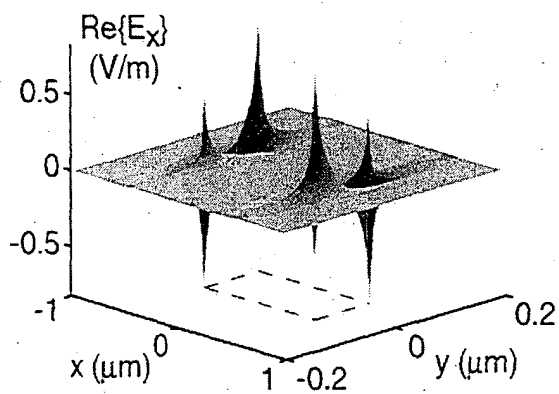


FIG. 3(a)

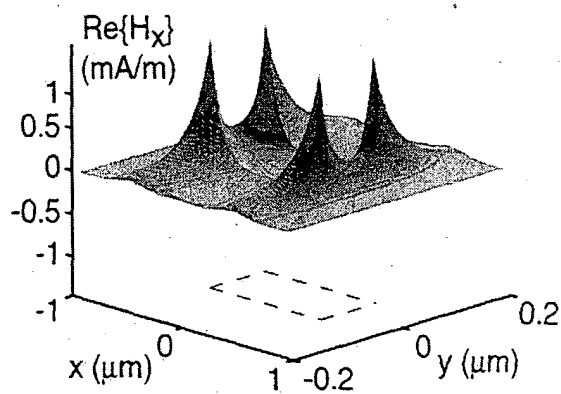


FIG. 3(b)

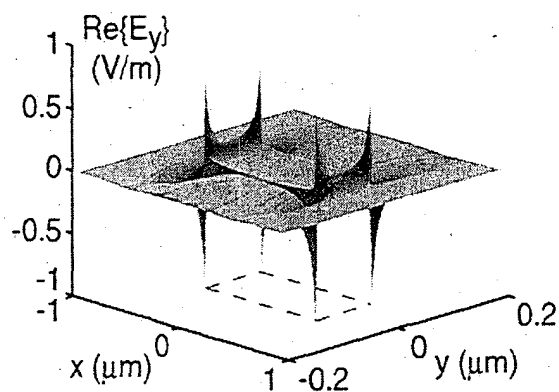


FIG. 3(c)

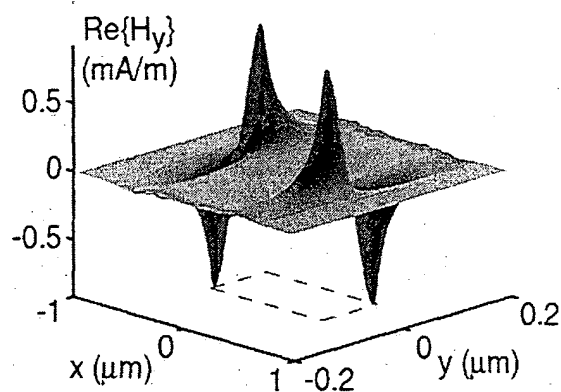


FIG. 3(d)

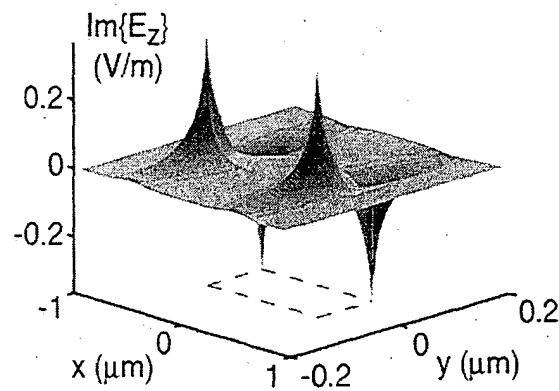


FIG. 3(e)

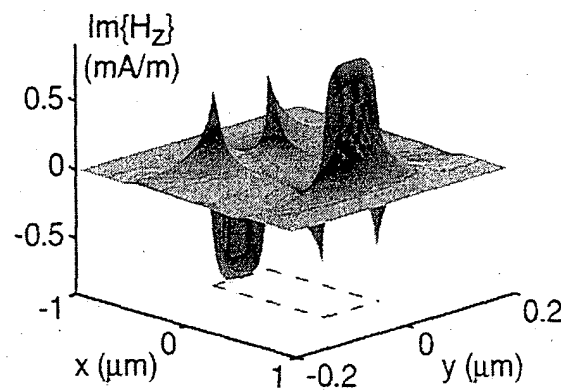


FIG. 3(f)

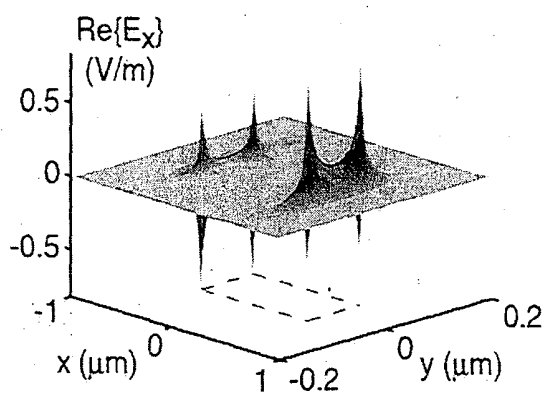


FIG. 4(a)

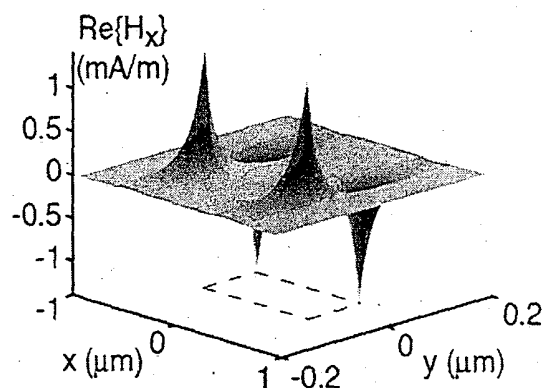


FIG. 4(b)

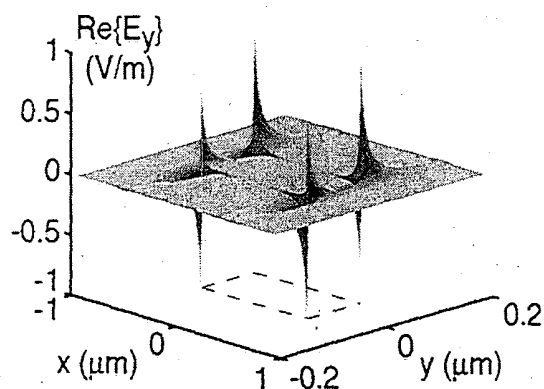


FIG. 4(c)

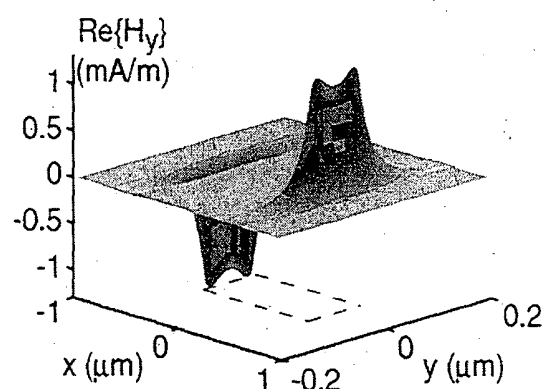


FIG. 4(d)

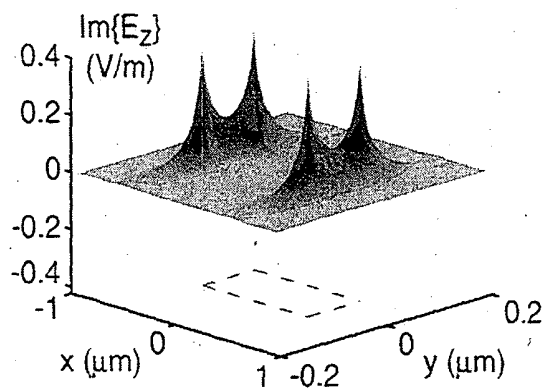


FIG. 4(e)

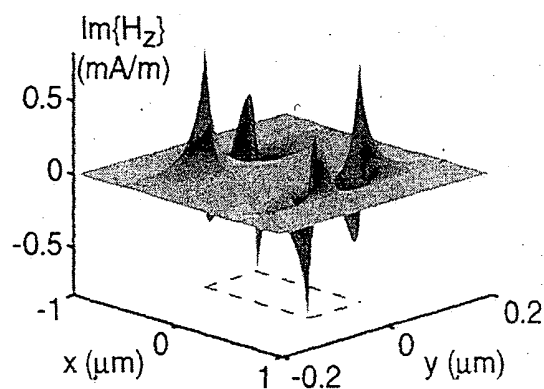


FIG. 4(f)

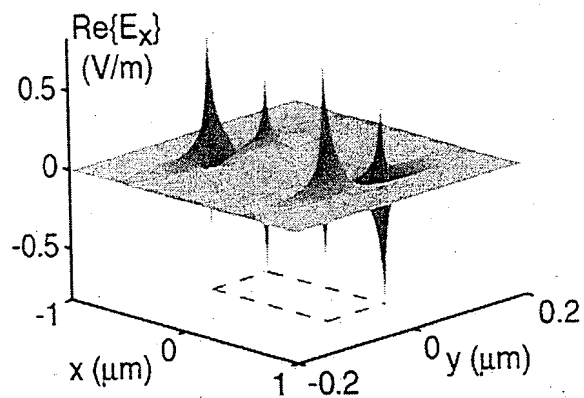


FIG. 5(a)

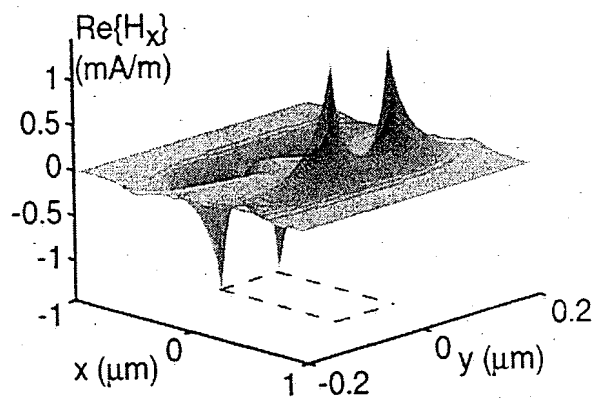


FIG. 5(b)

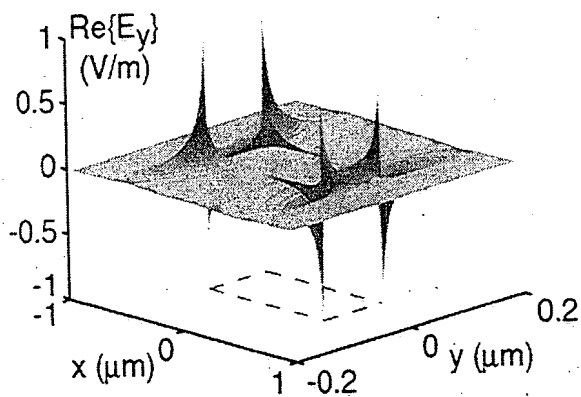


FIG. 5(c)

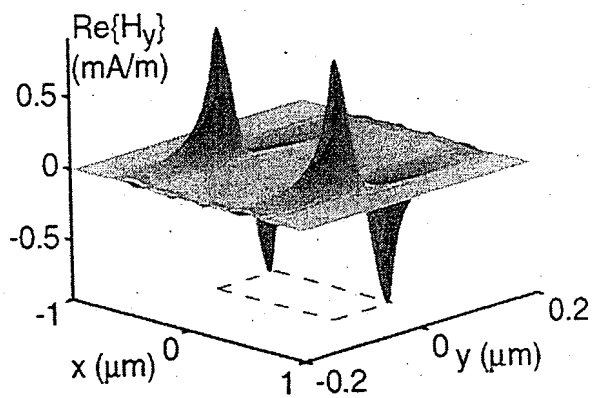


FIG. 5(d)

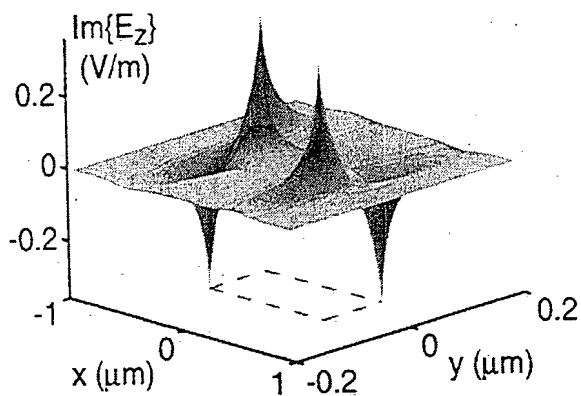


FIG. 5(e)

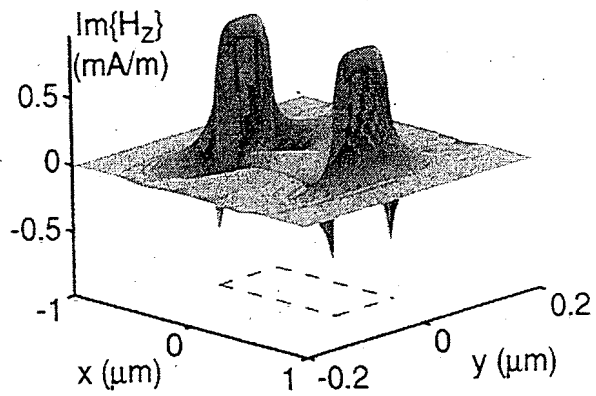


FIG. 5(f)

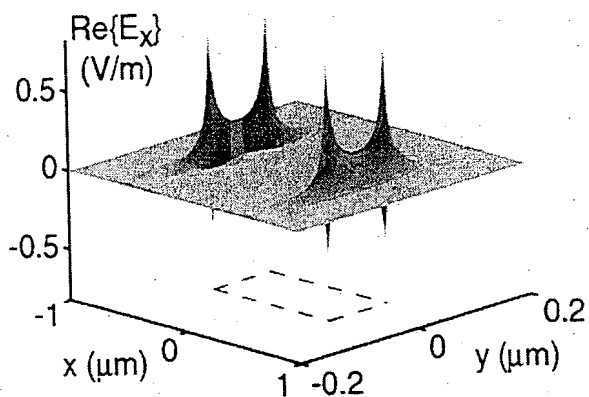


FIG. 6(a)

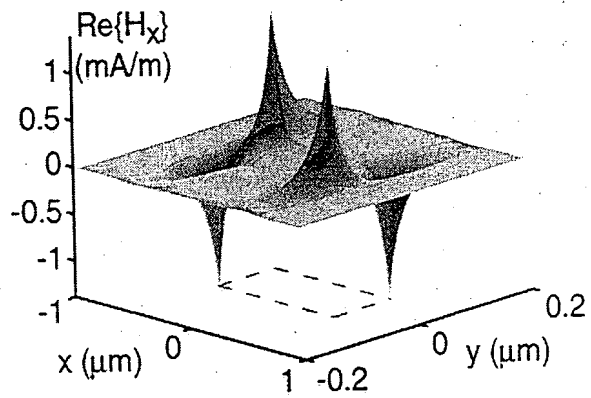


FIG. 6(b)

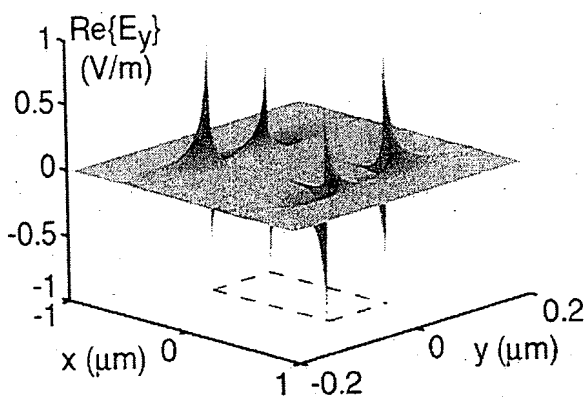


FIG. 6(c)

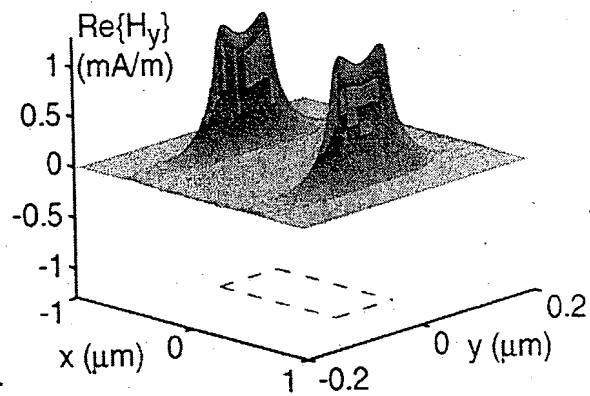


FIG. 6(d)

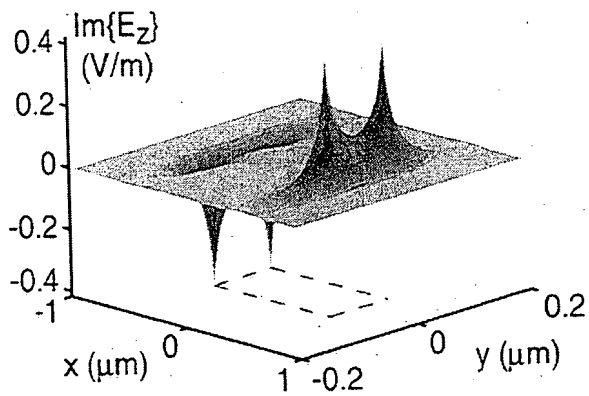


FIG. 6(e)

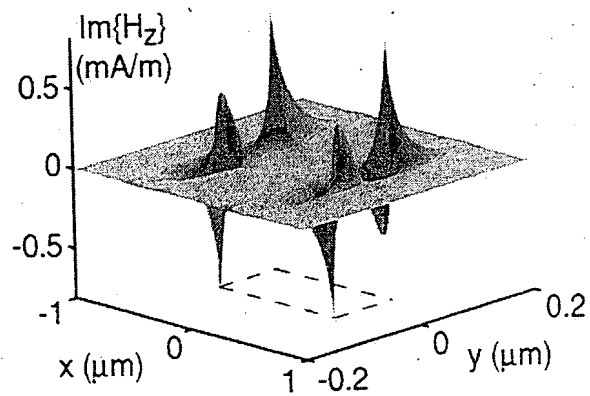
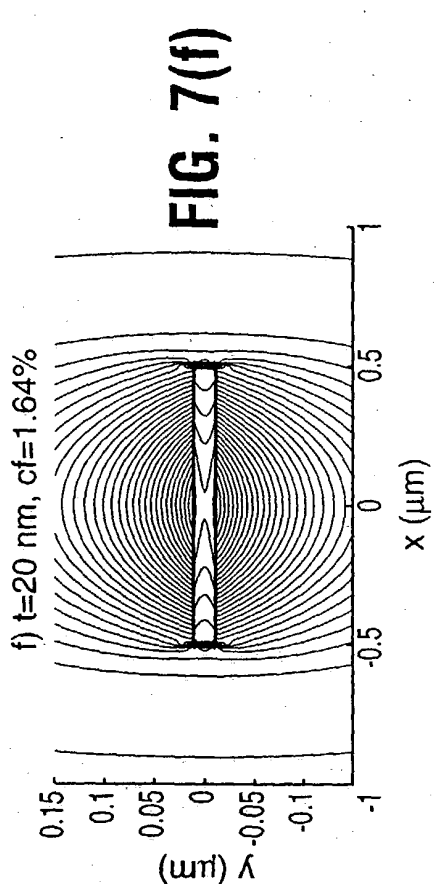
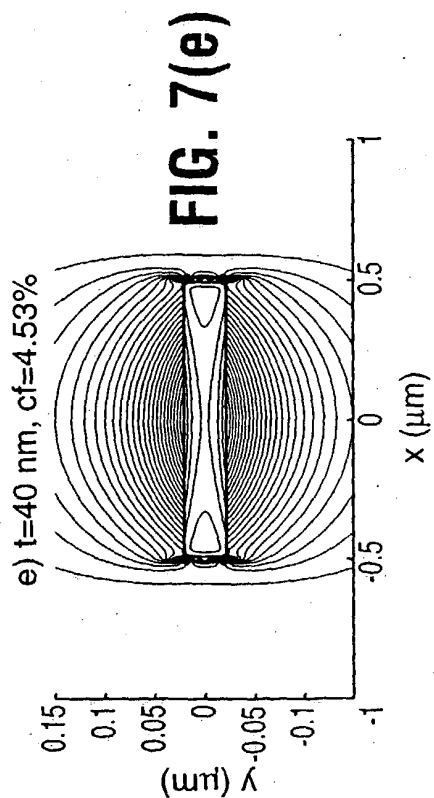
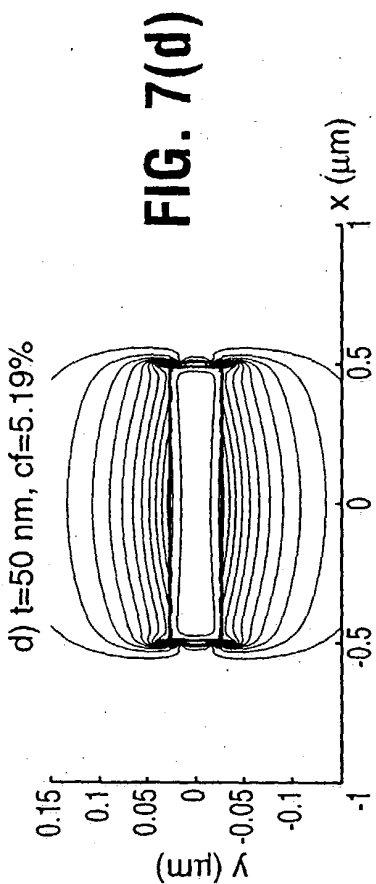
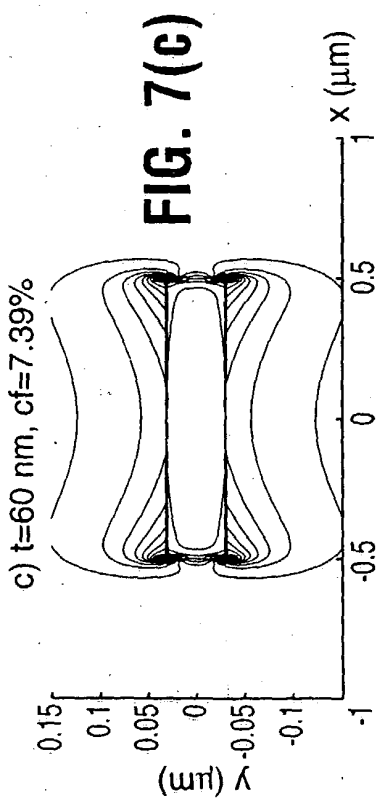
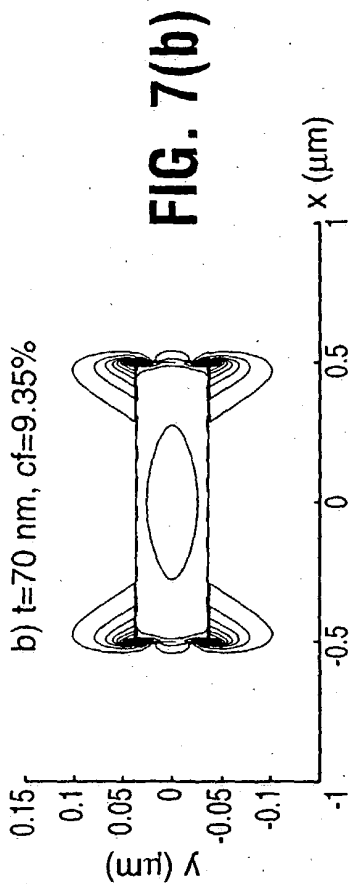
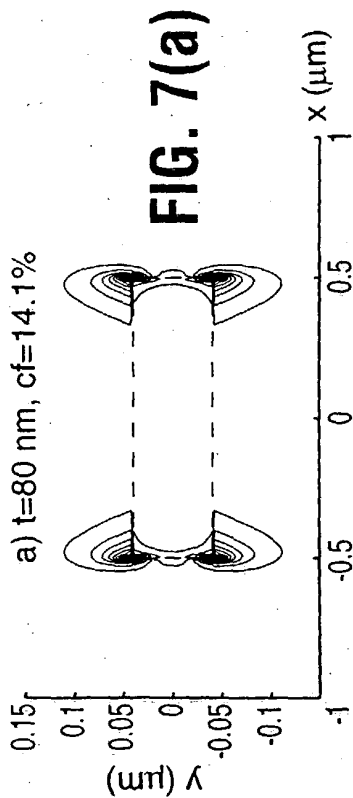


FIG. 6(f)



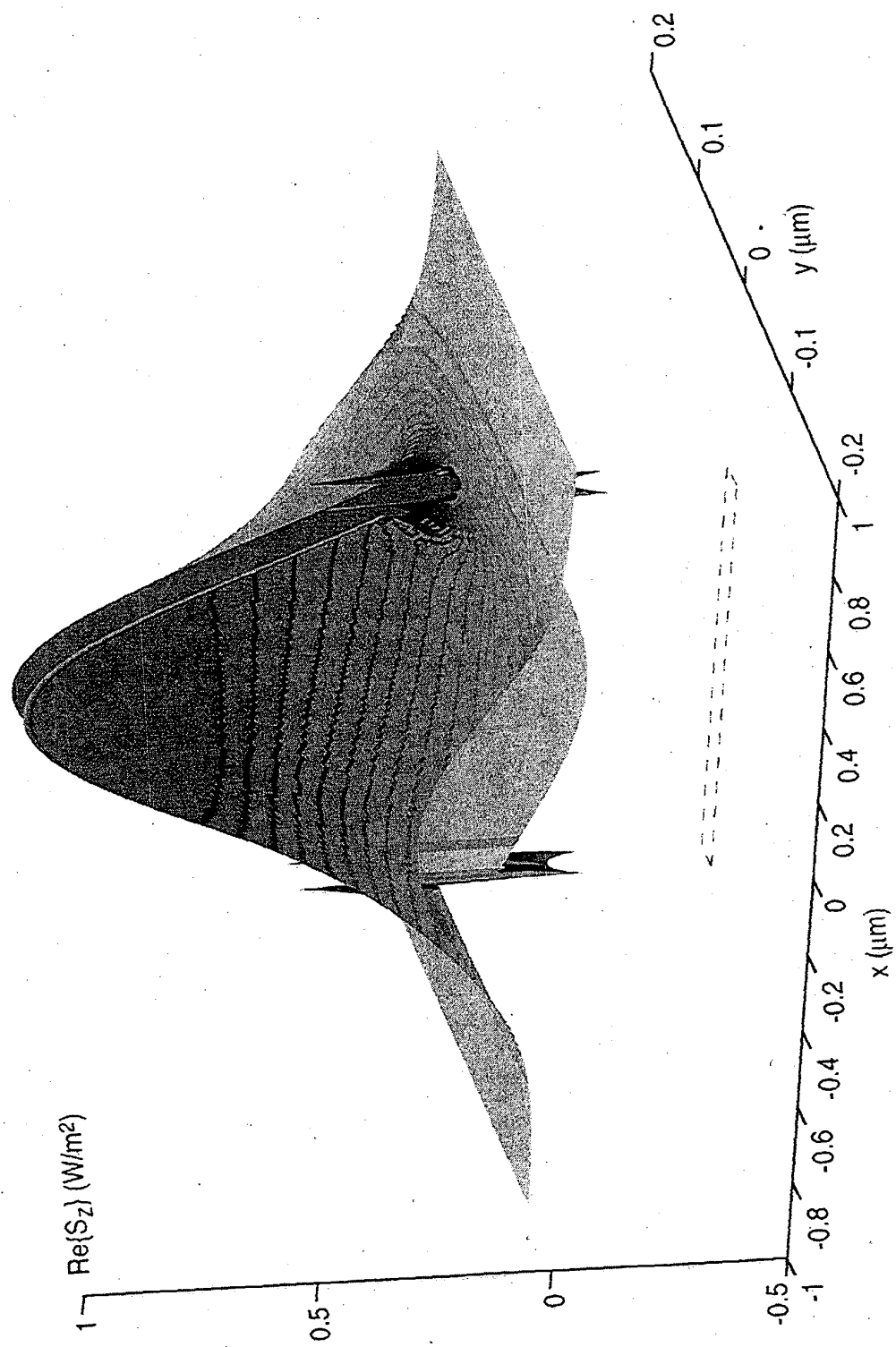


FIG. 8

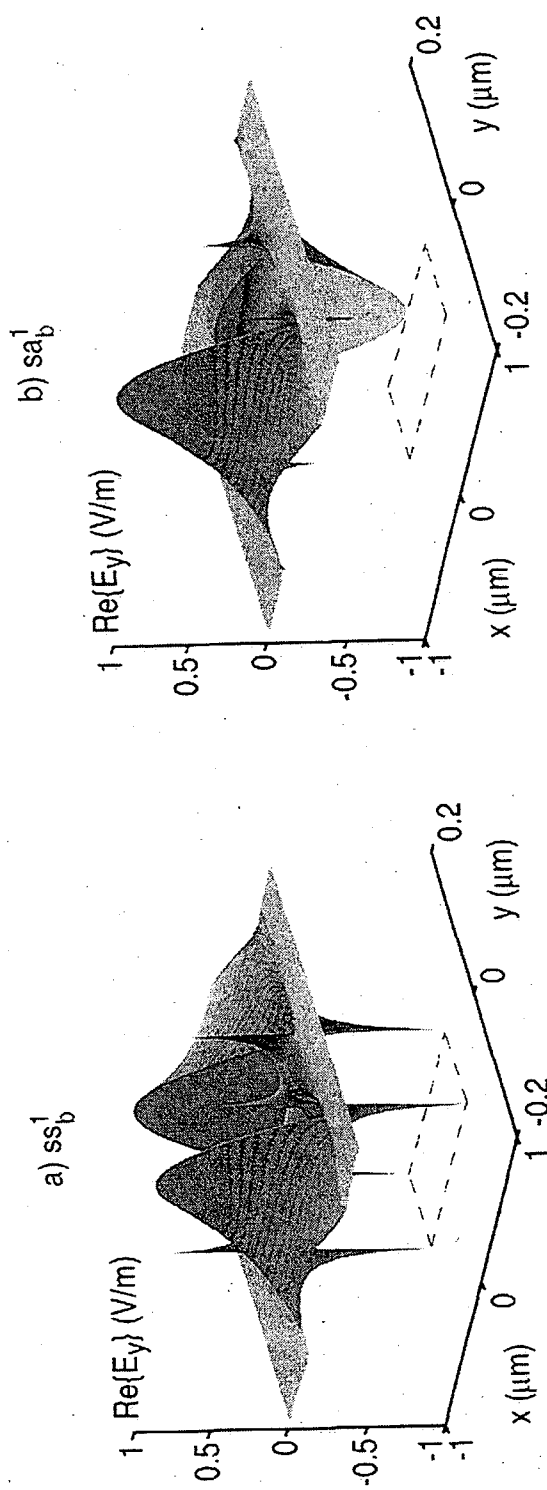


FIG. 9(a)

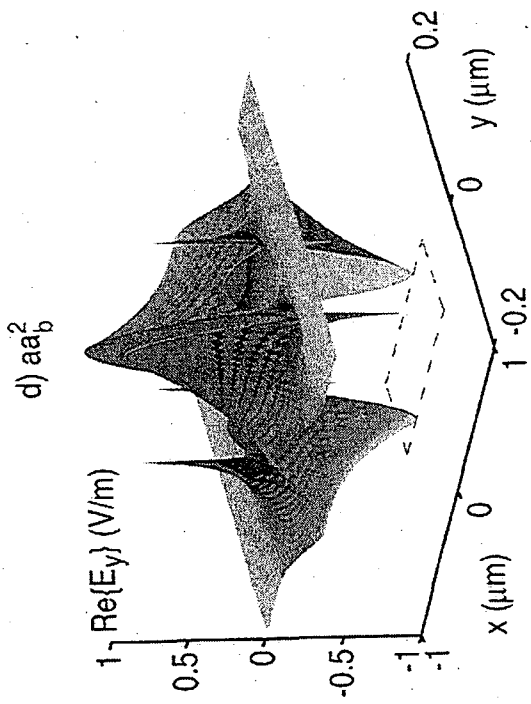


FIG. 9(b)

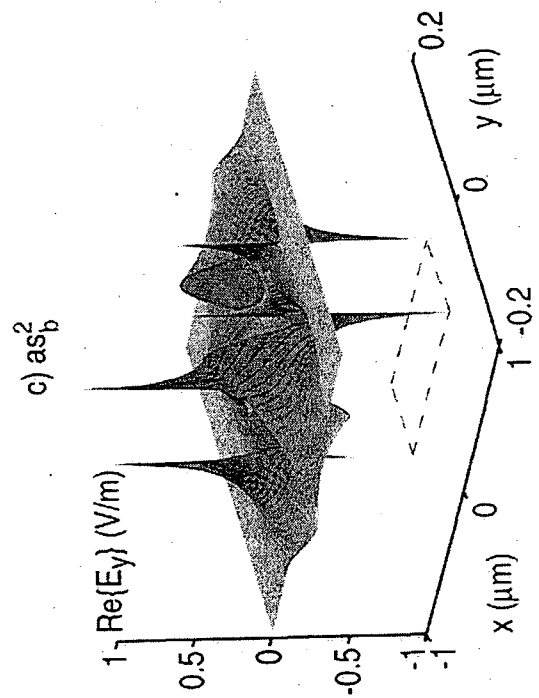


FIG. 9(c)

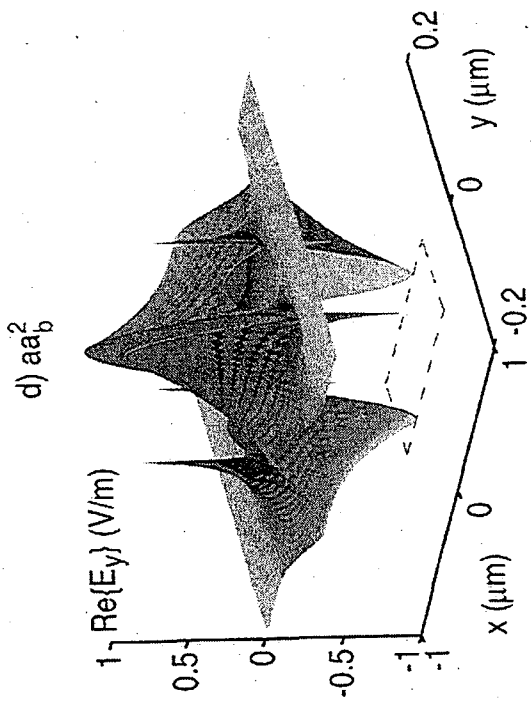


FIG. 9(d)

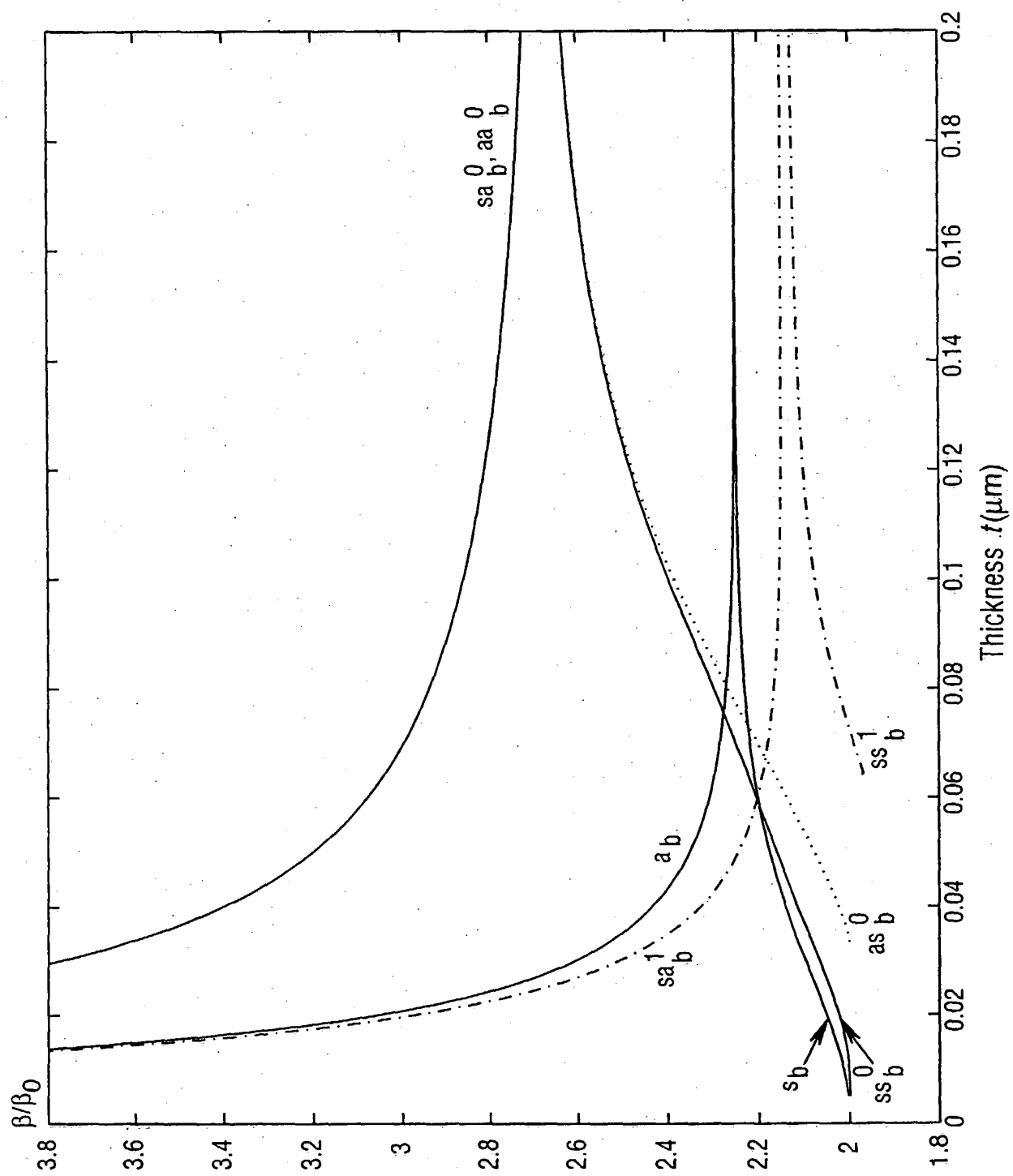


FIG. 10(a)

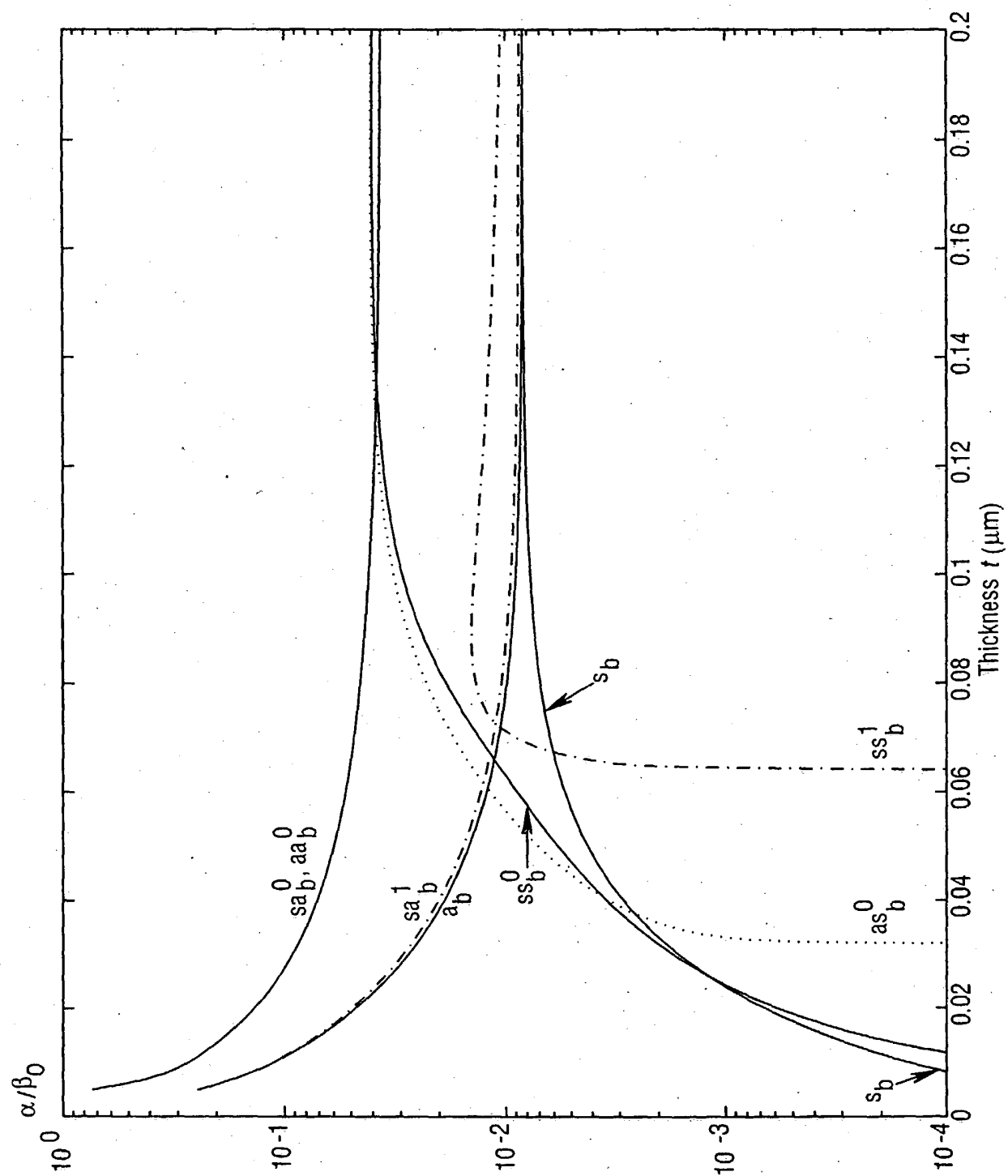


FIG.10 (b)

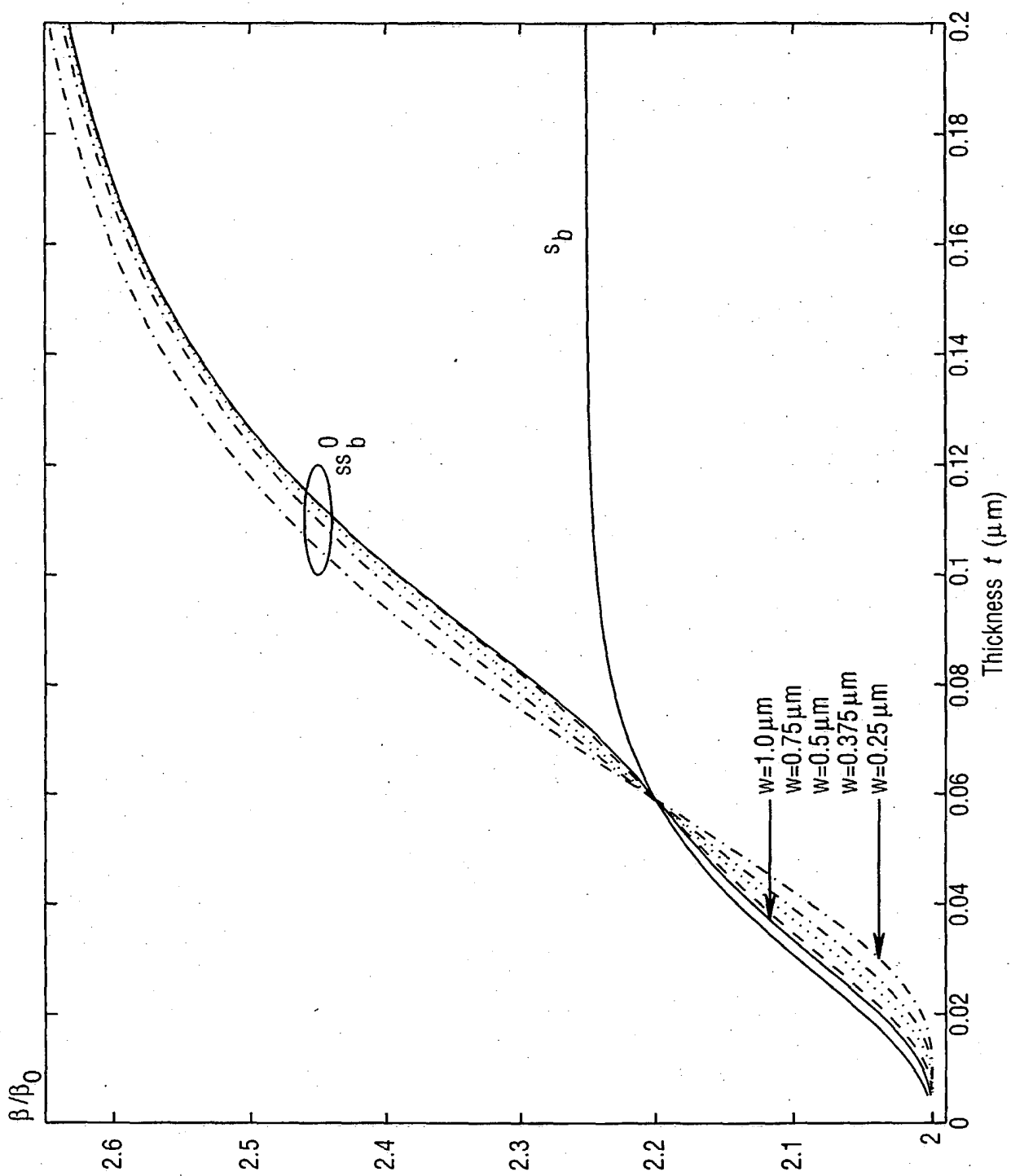


FIG. 11 (a)

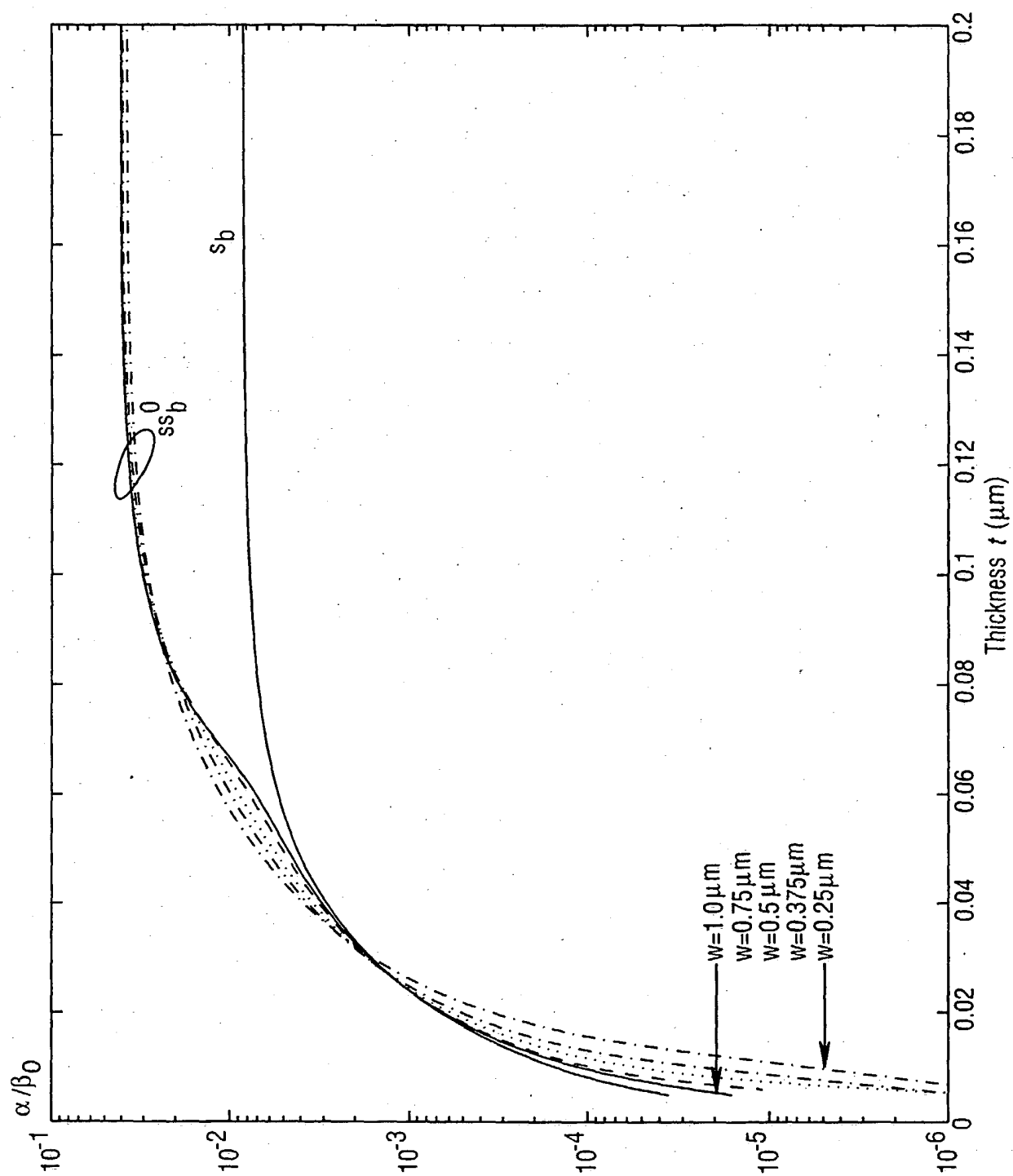


FIG. 11 (b)

a) $w=0.25\mu\text{m}$, $cf=0.707\%$

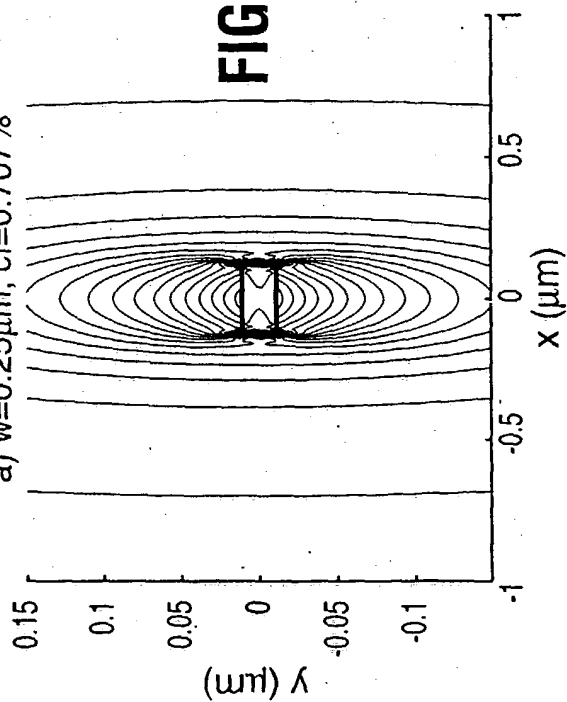


FIG. 12(a)

b) $w=0.5\mu\text{m}$, $cf=1.33\%$

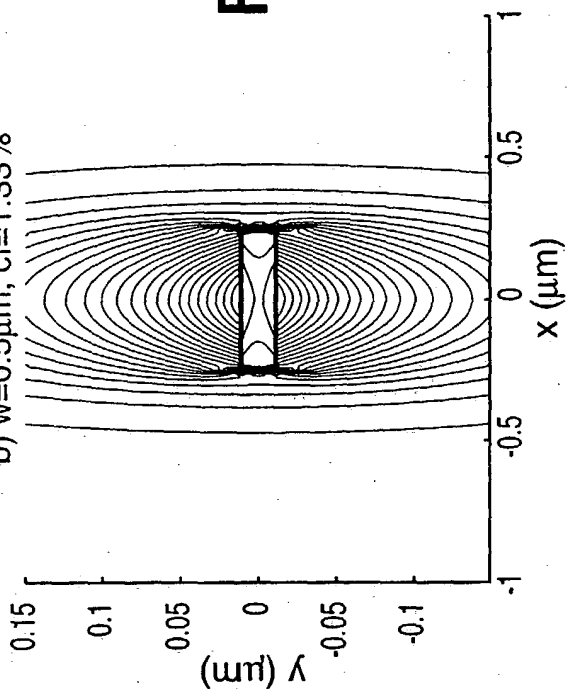


FIG. 12(b)

c) $w=0.7\mu\text{m}$, $cf=1.55\%$

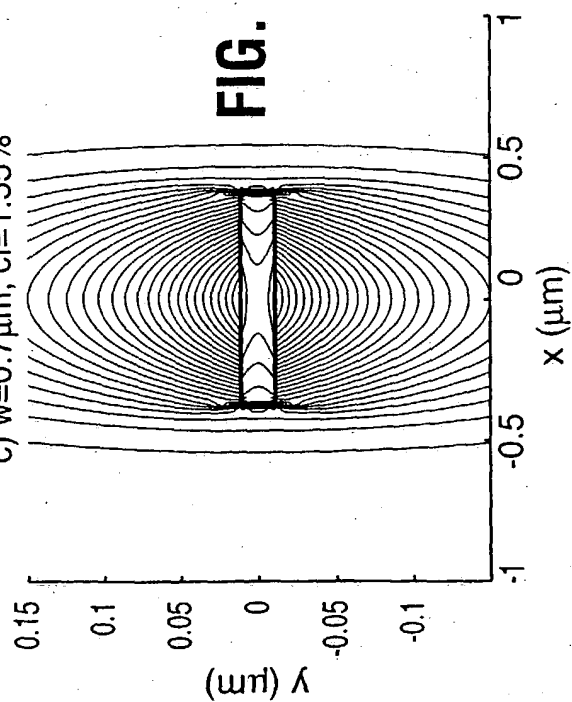


FIG. 12(c)

d) $w=1.0\mu\text{m}$, $cf=1.64\%$

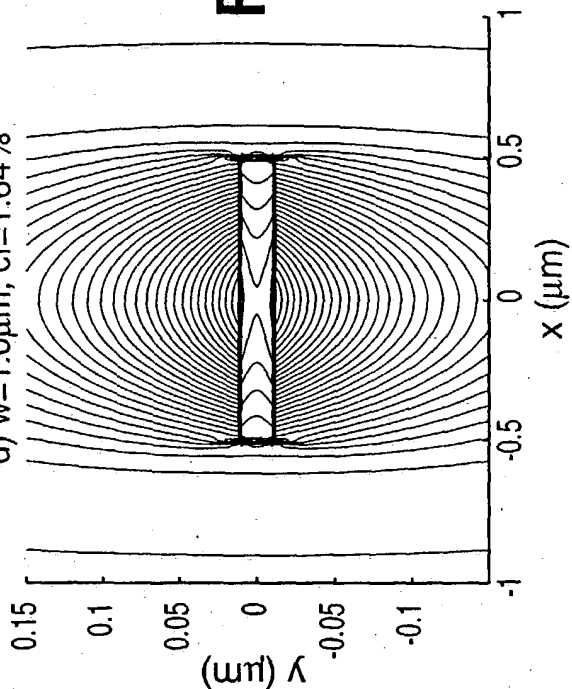


FIG. 12(d)

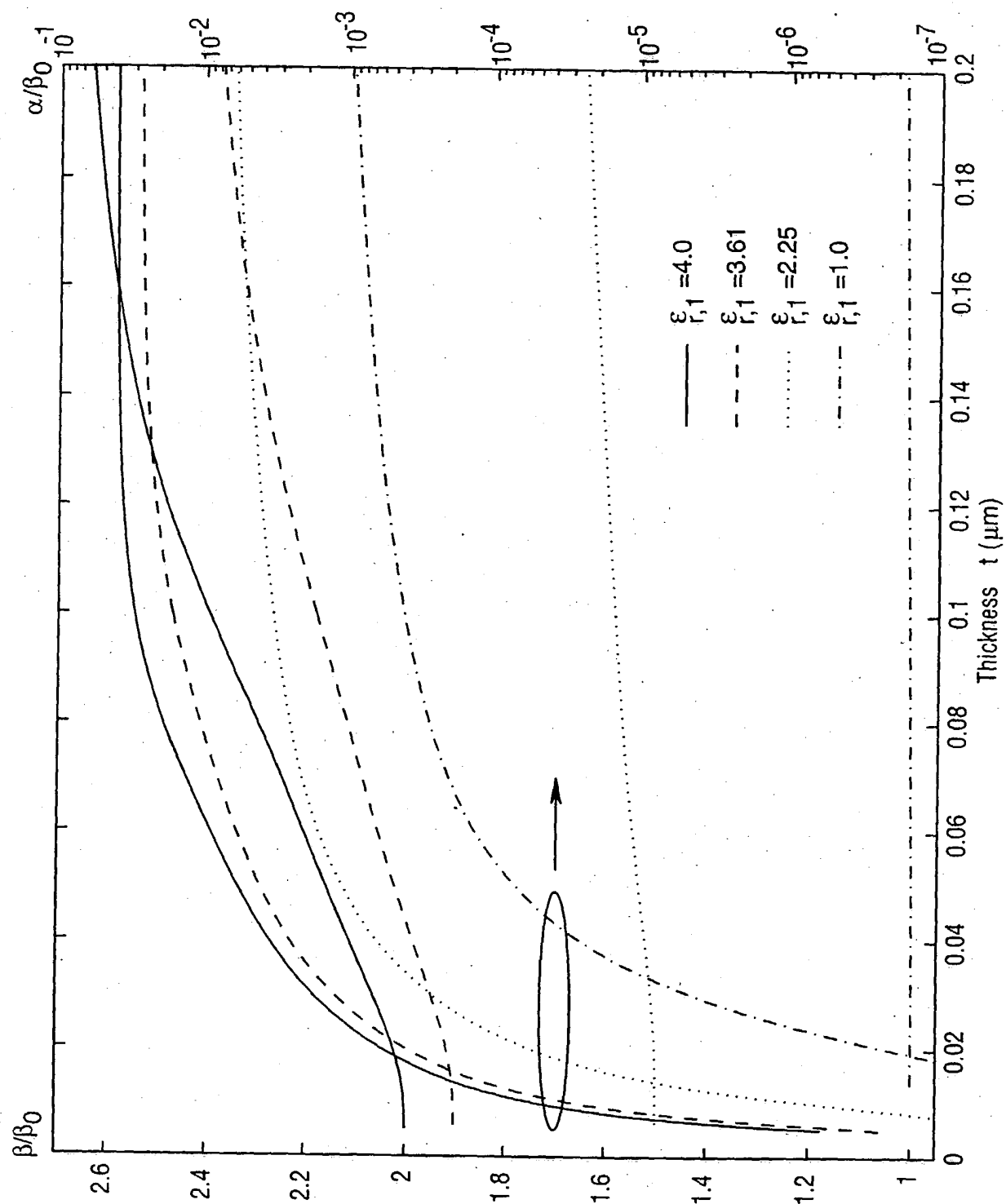
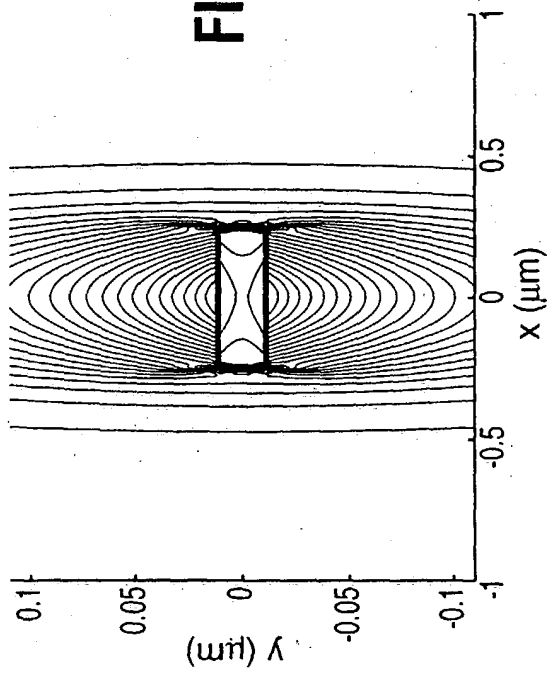
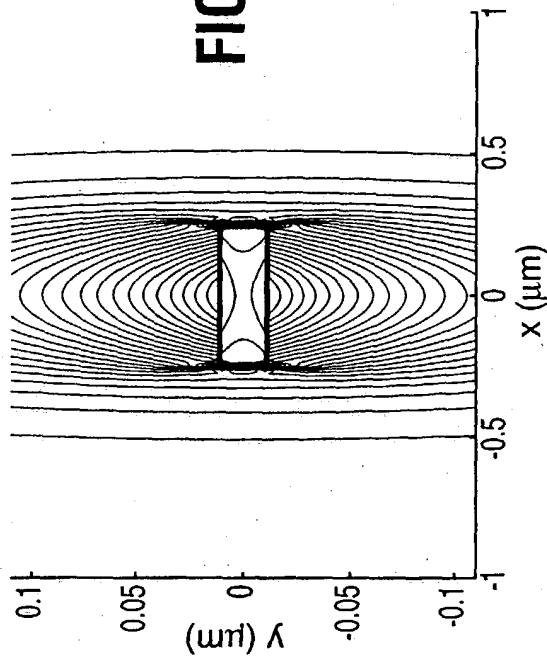


FIG. 13

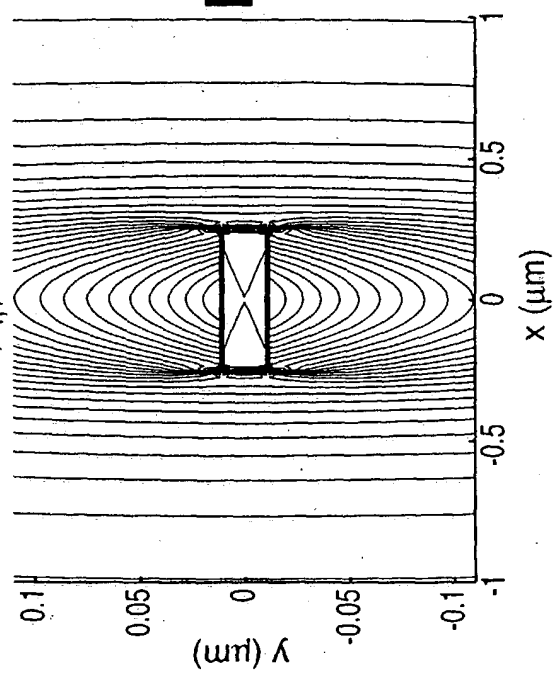
a) $\epsilon_{r,1}=4.0$



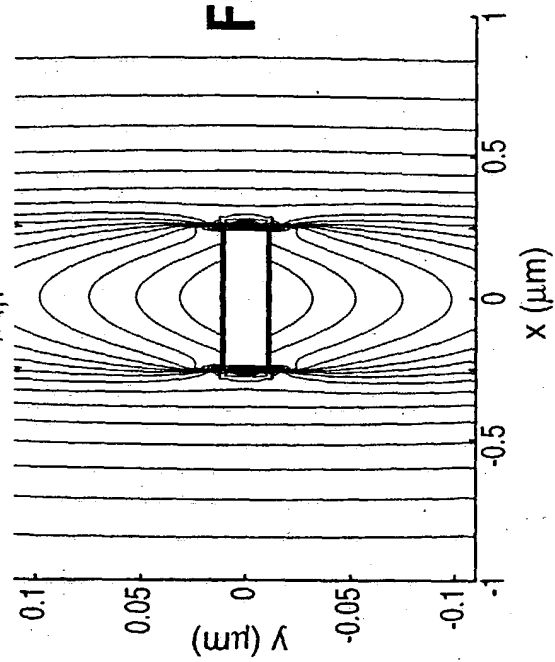
b) $\epsilon_{r,1}=3.61$



c) $\epsilon_{r,1}=2.25$



d) $\epsilon_{r,1}=1.0$



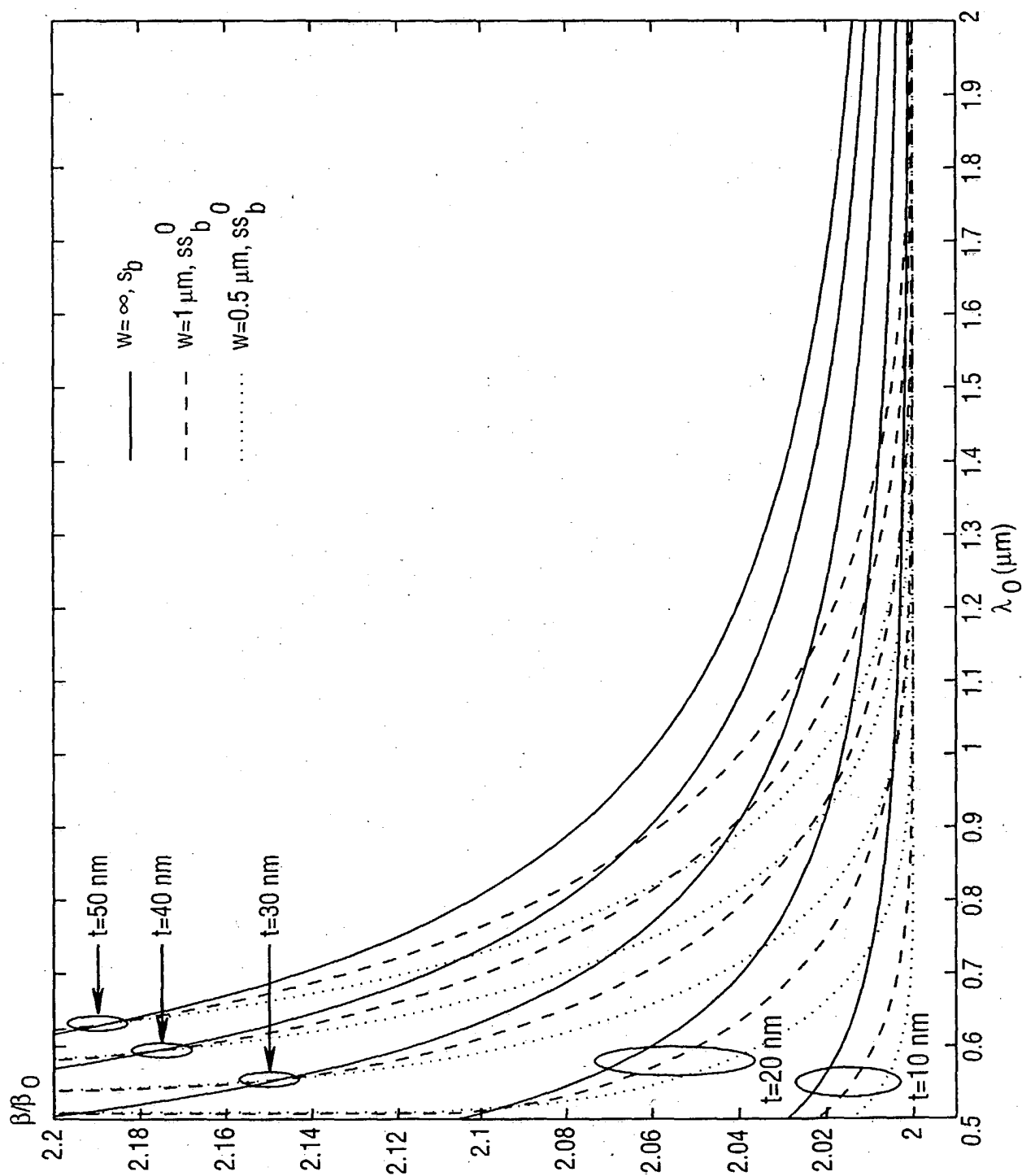


FIG. 15 (a)

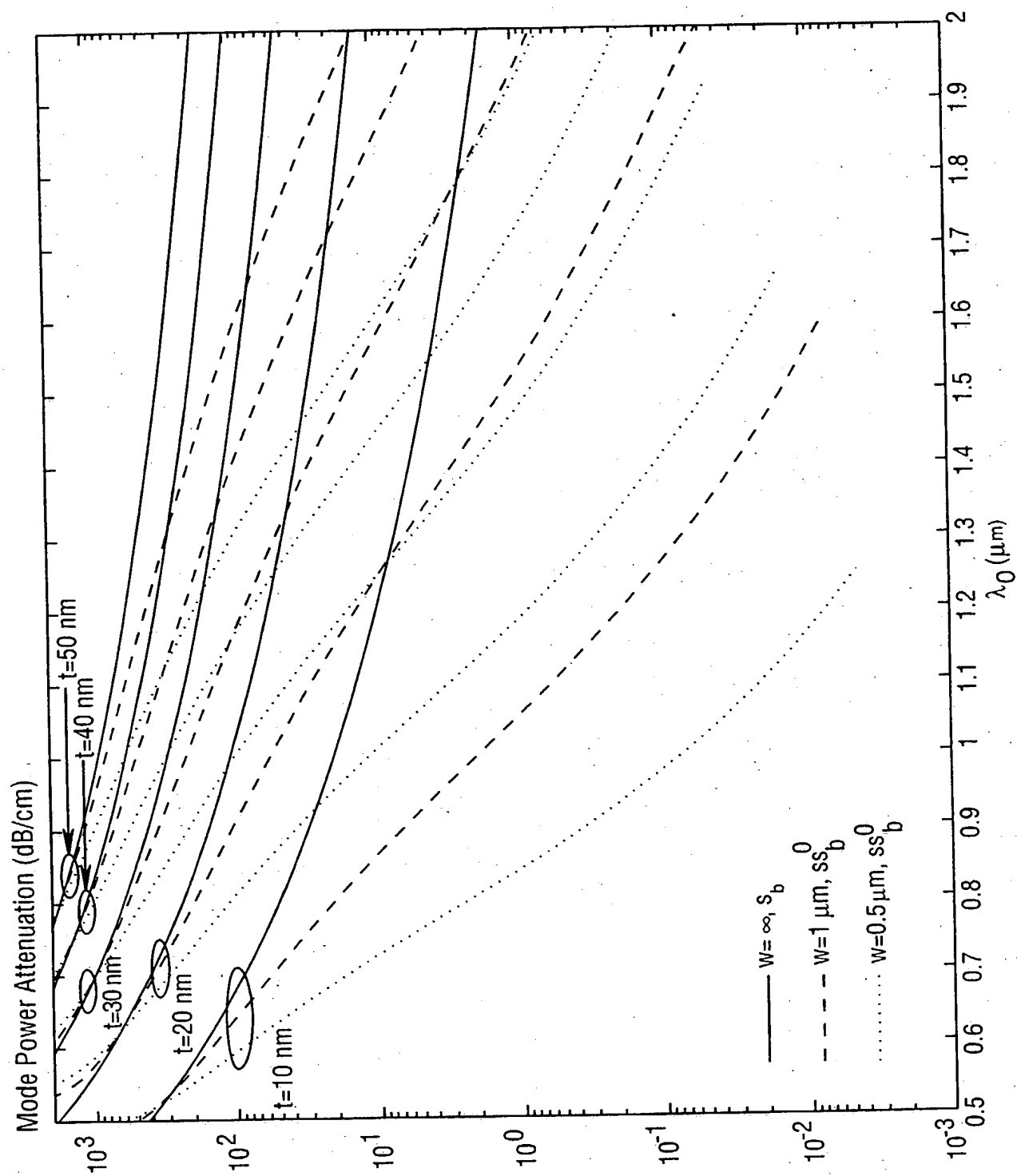


FIG. 15 (b)

a) $\lambda_0 = 0.6 \mu\text{m}$, $w = 0.5 \mu\text{m}$

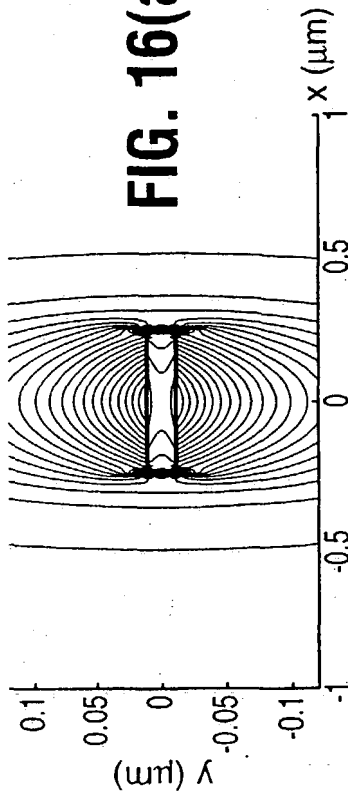


FIG. 16(a)

b) $\lambda_0 = 0.6 \mu\text{m}$, $w = 1.0 \mu\text{m}$

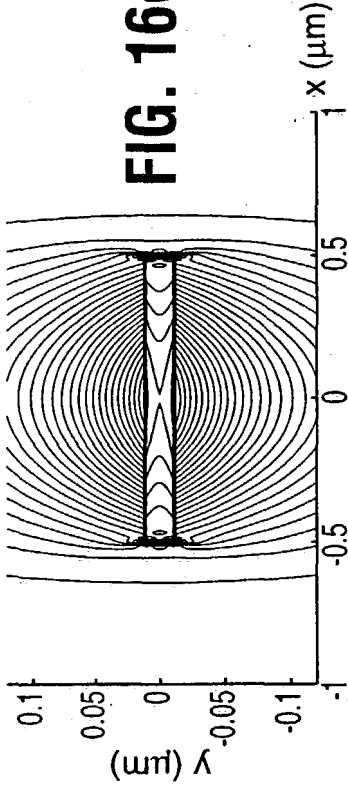


FIG. 16(b)

c) $\lambda_0 = 0.8 \mu\text{m}$, $w = 0.5 \mu\text{m}$

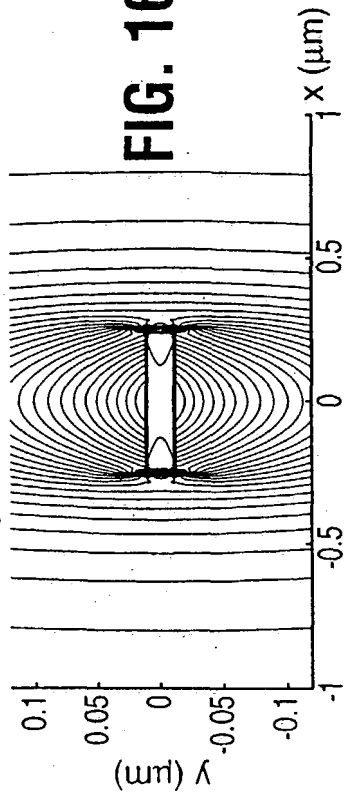


FIG. 16(c)

d) $\lambda_0 = 0.8 \mu\text{m}$, $w = 1.0 \mu\text{m}$

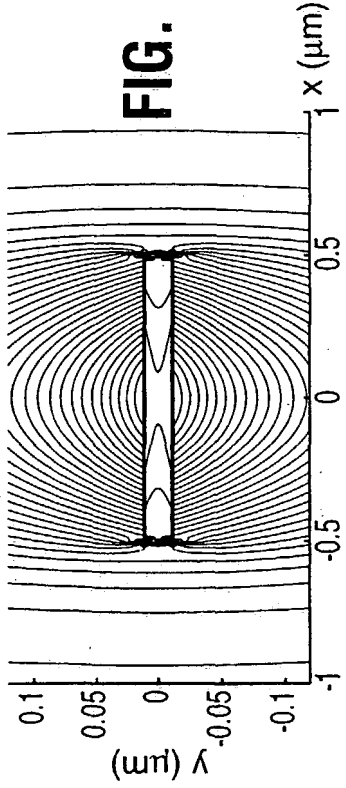


FIG. 16(d)

e) $\lambda_0 = 1.2 \mu\text{m}$, $w = 0.5 \mu\text{m}$

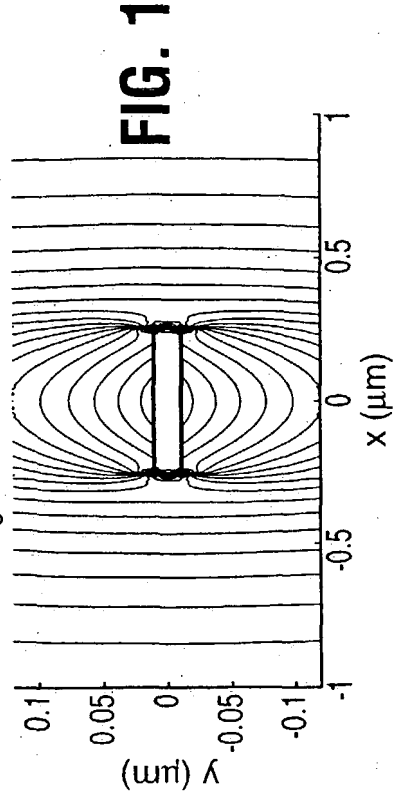


FIG. 16(e)

f) $\lambda_0 = 1.2 \mu\text{m}$, $w = 1.0 \mu\text{m}$

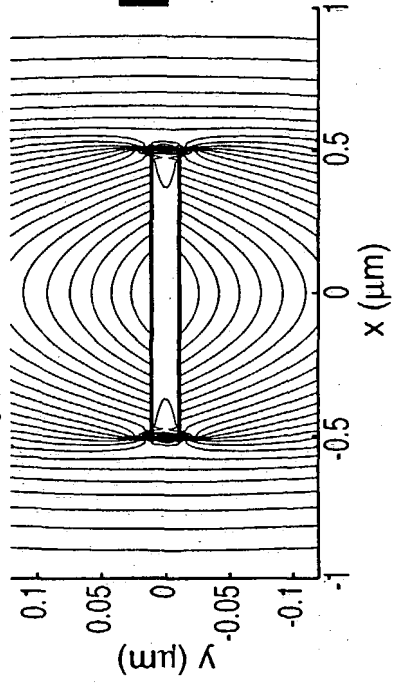


FIG. 16(f)

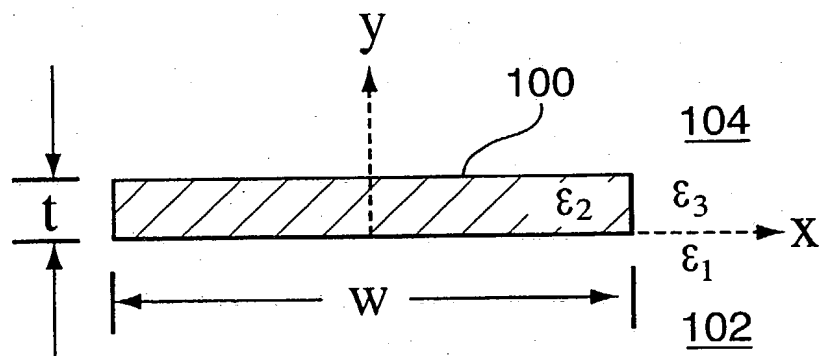


FIG. 17 (a)

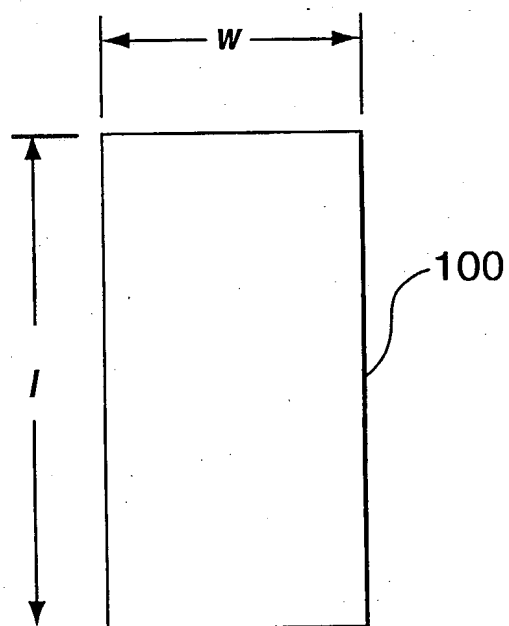


FIG. 17 (b)

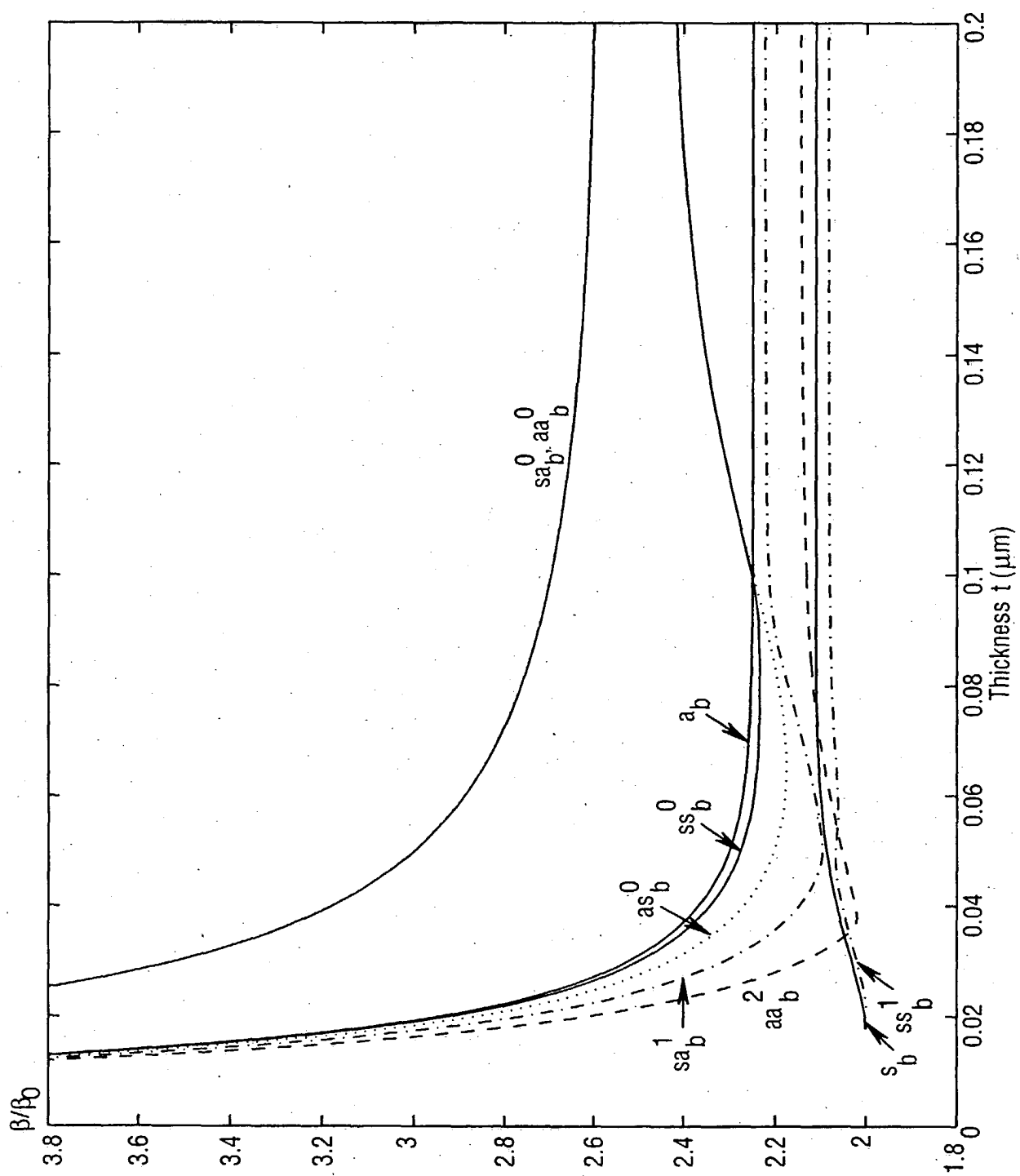


FIG. 18(a)

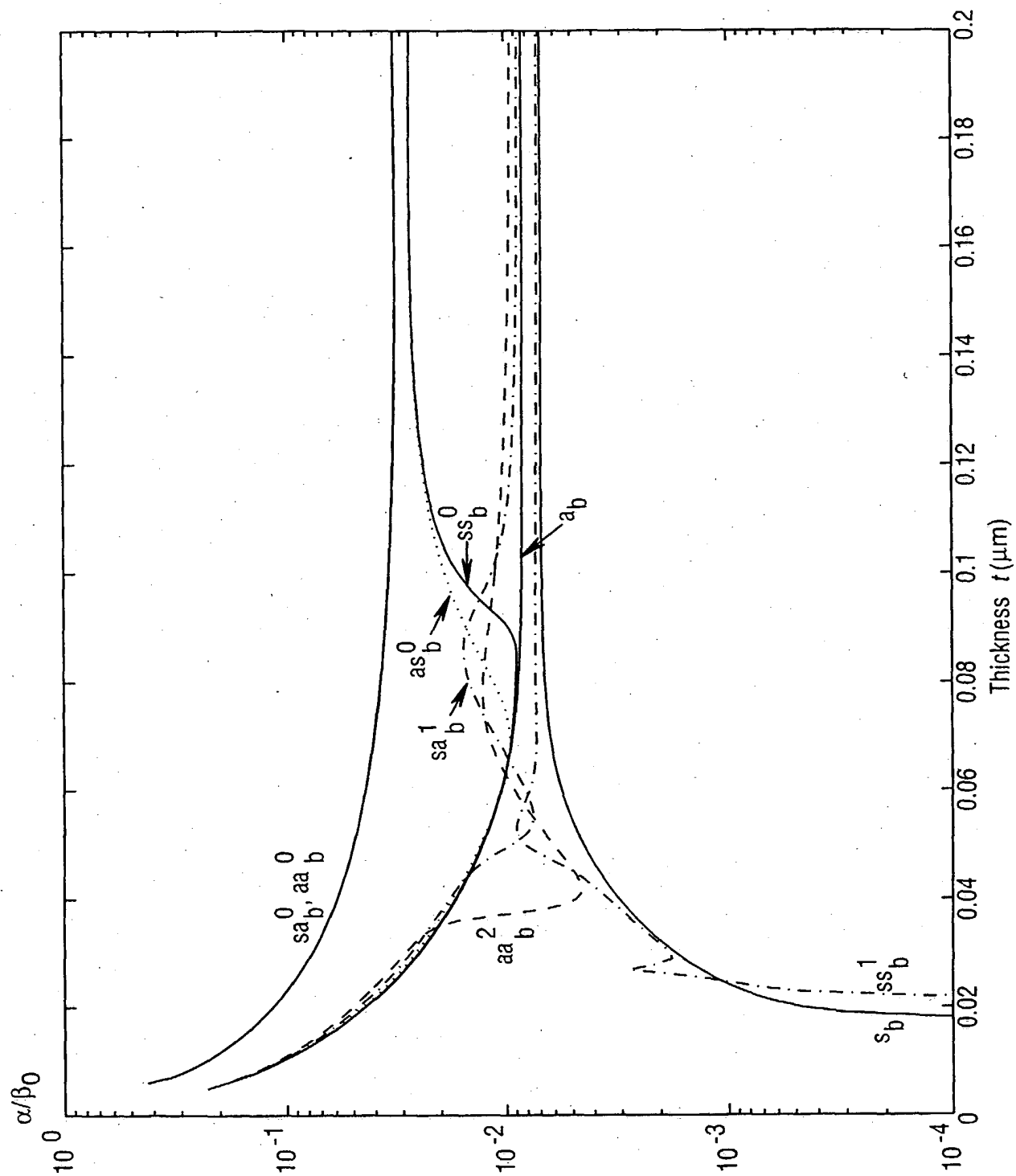


FIG. 18(b)

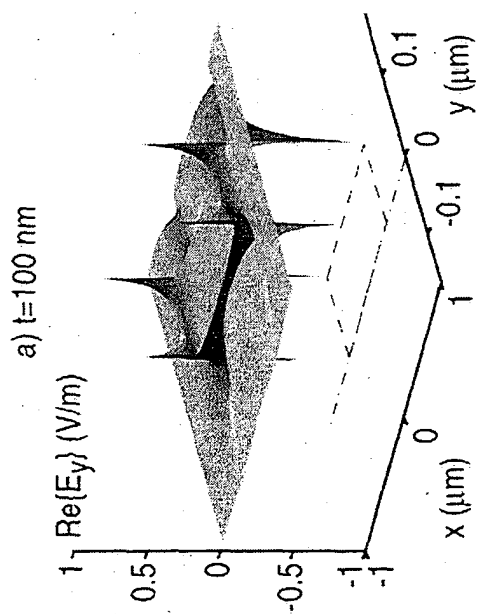


FIG. 19(a)

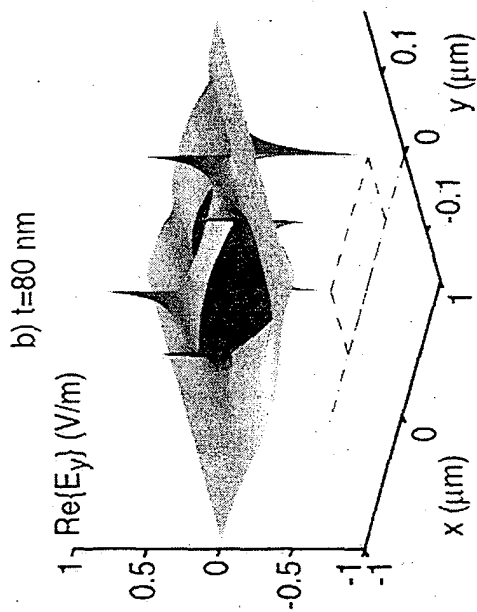


FIG. 19(b)

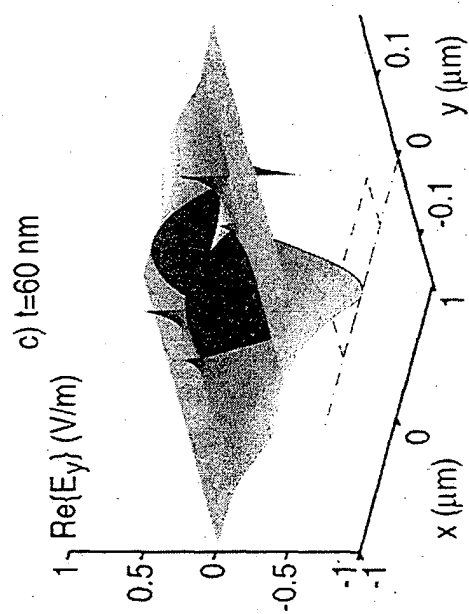


FIG. 19(c)

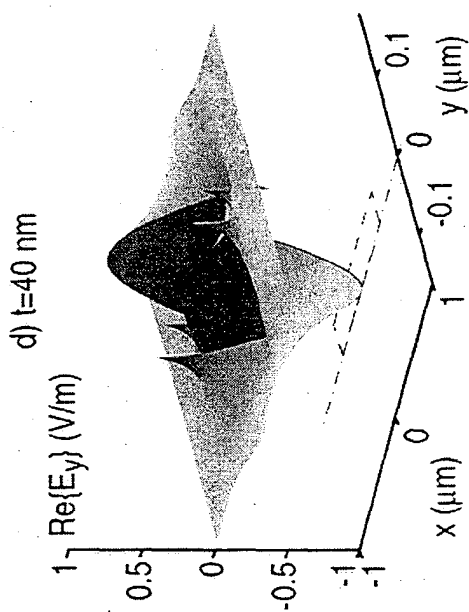


FIG. 19(d)

a) ss_b^1 , $t=100$ nm

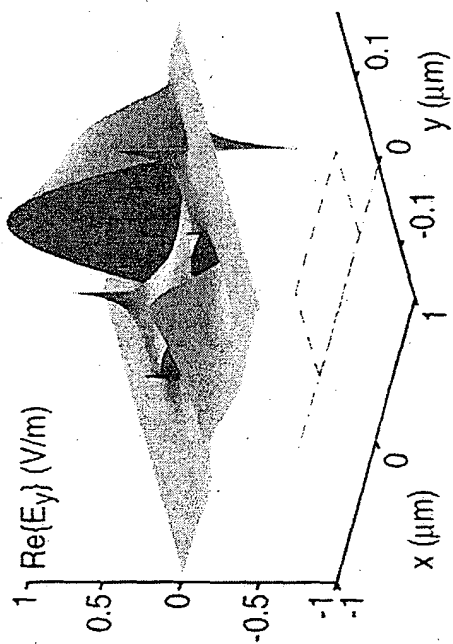


FIG. 20(a)

b) ss_b^1 , $t=60$ nm

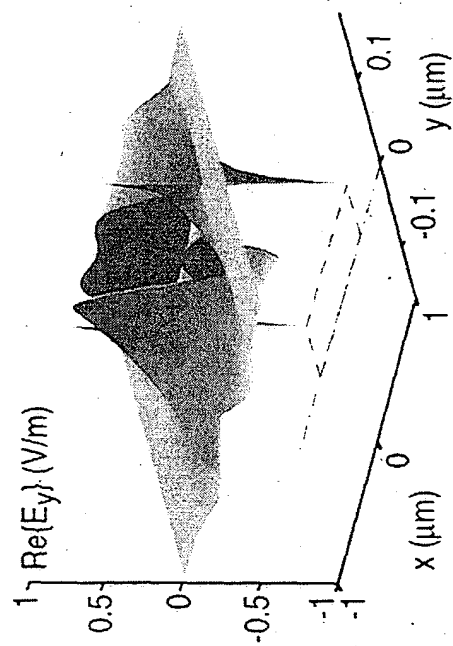


FIG. 20(b)

c) sa_b^1 , $t=100$ nm

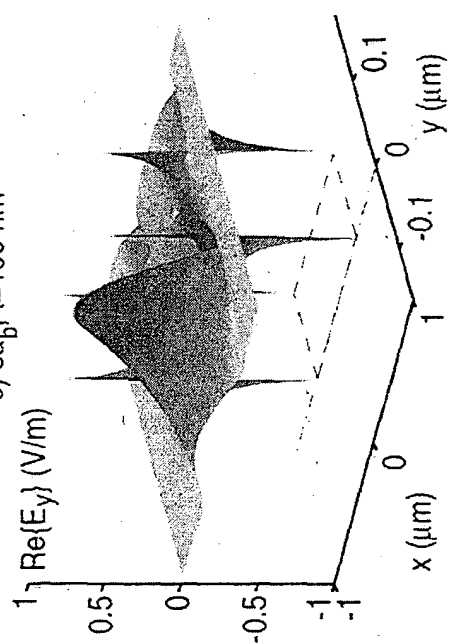


FIG. 20(c)

d) sa_b^1 , $t=60$ nm

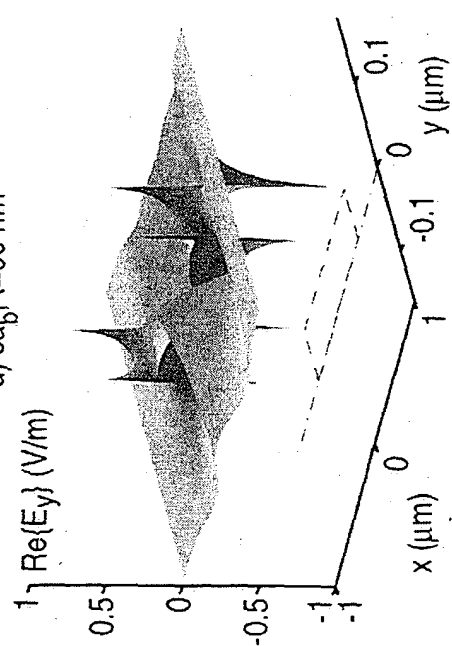


FIG. 20(d)

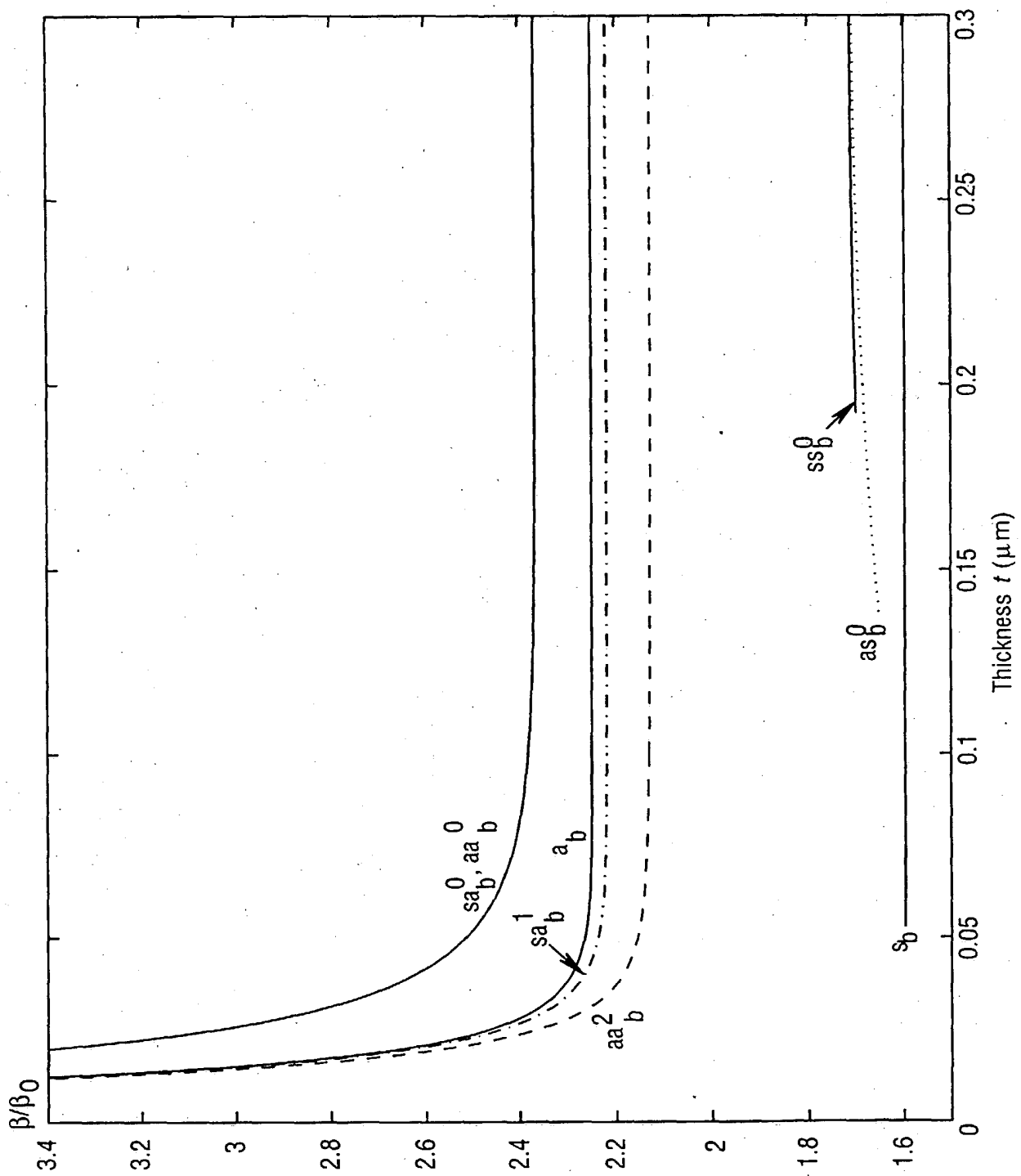


FIG. 21(a)

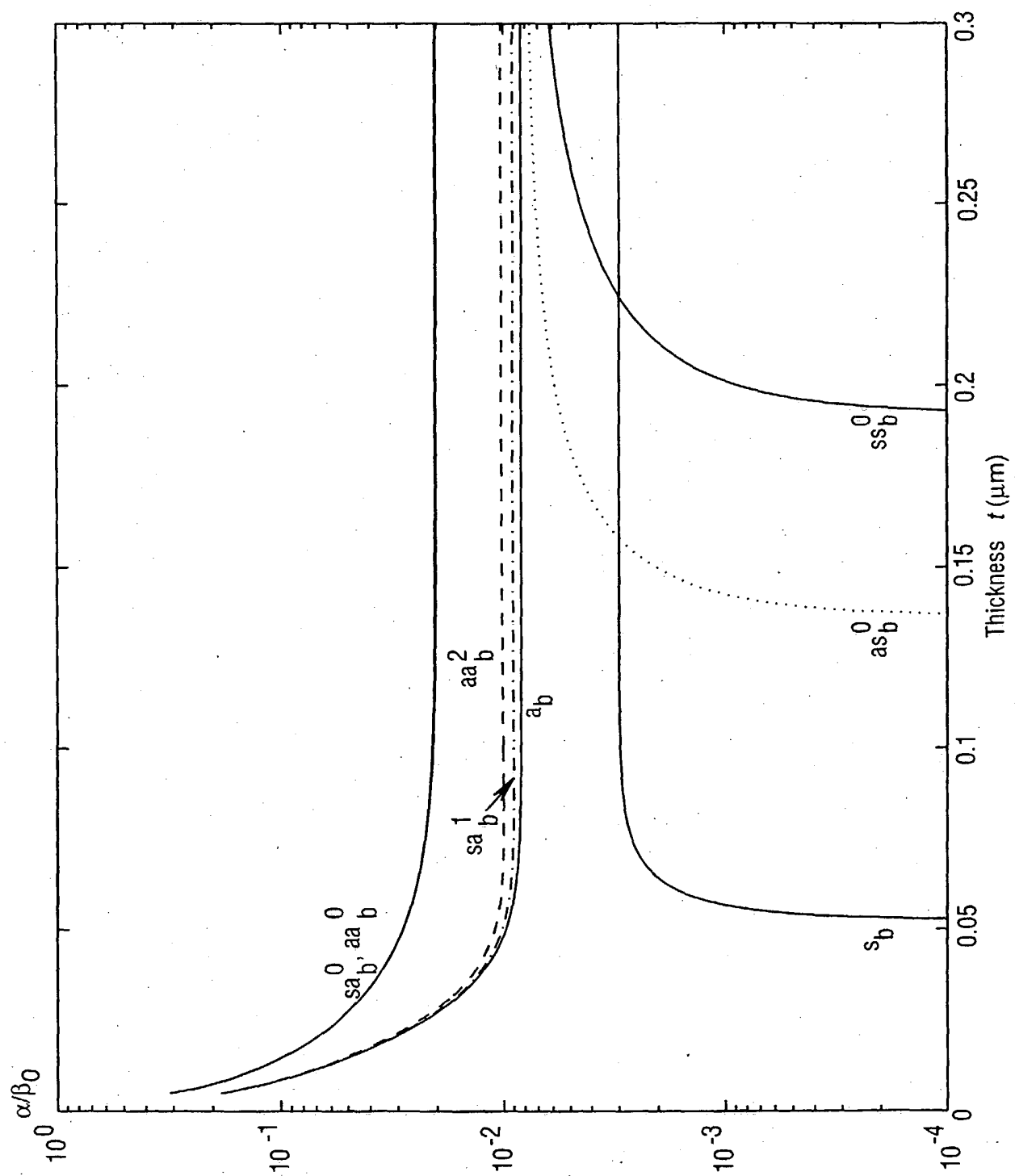


FIG. 21(b)

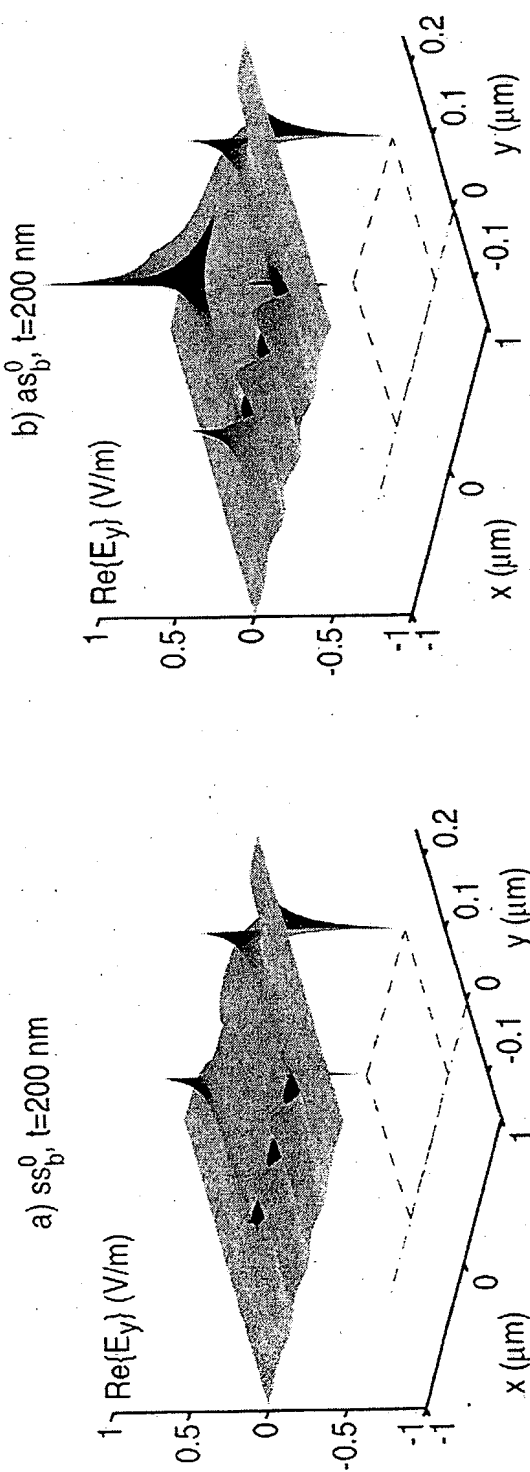


FIG. 22(a)

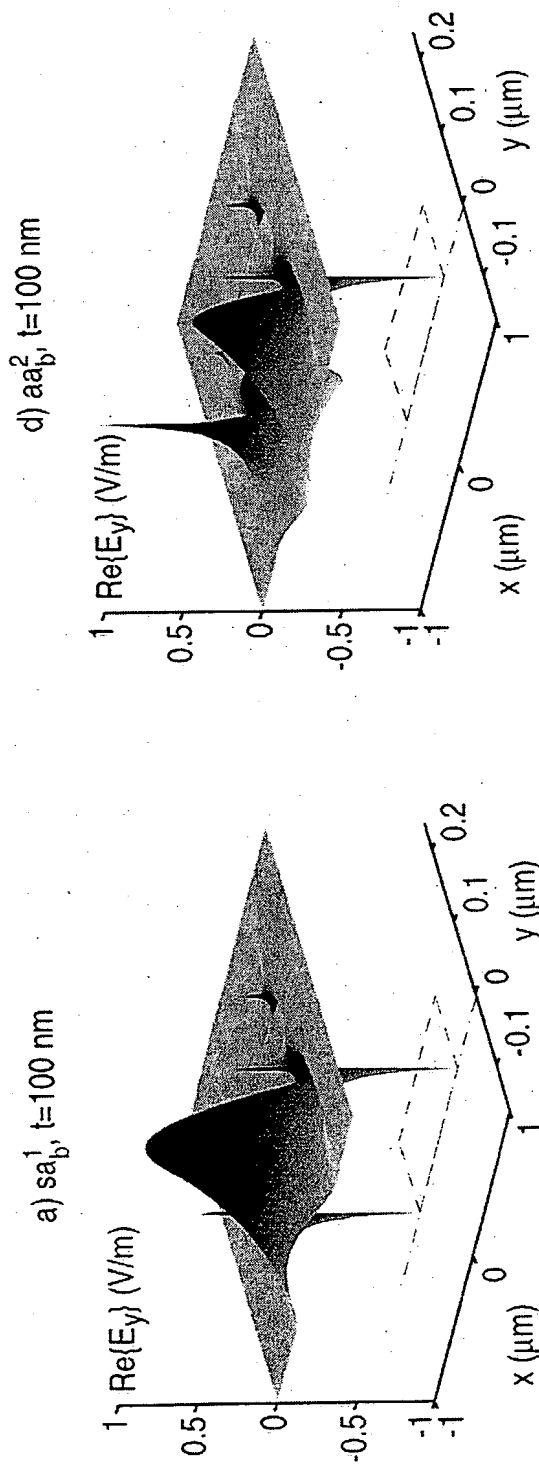


FIG. 22(c)

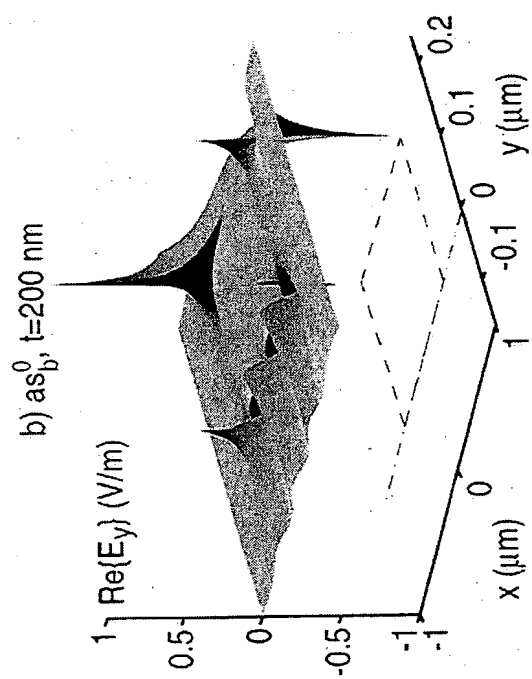


FIG. 22(b)

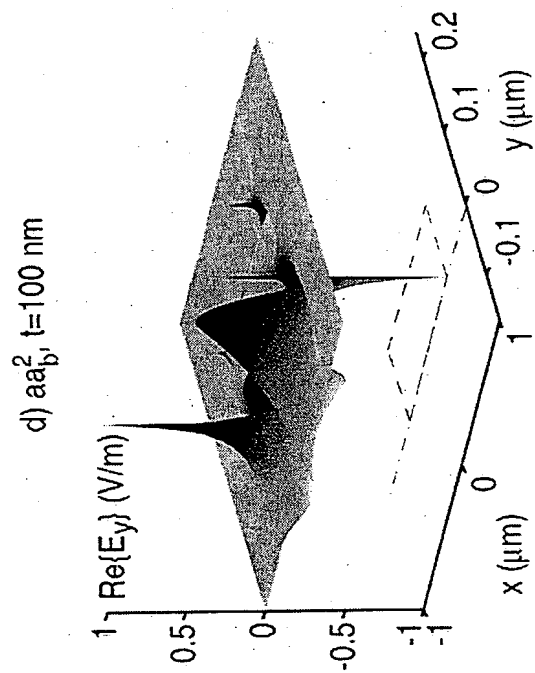


FIG. 22(d)

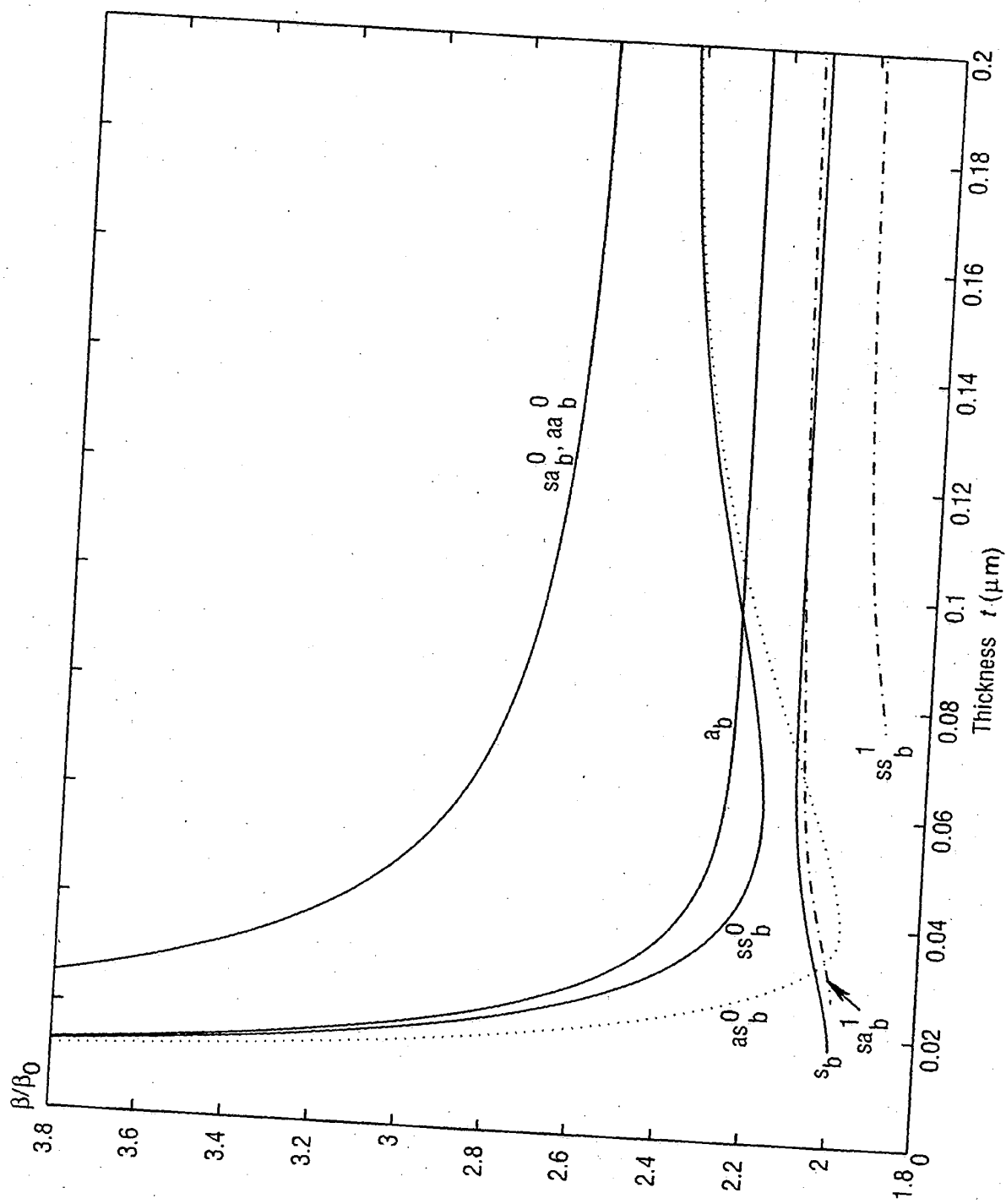


FIG. 23(a)

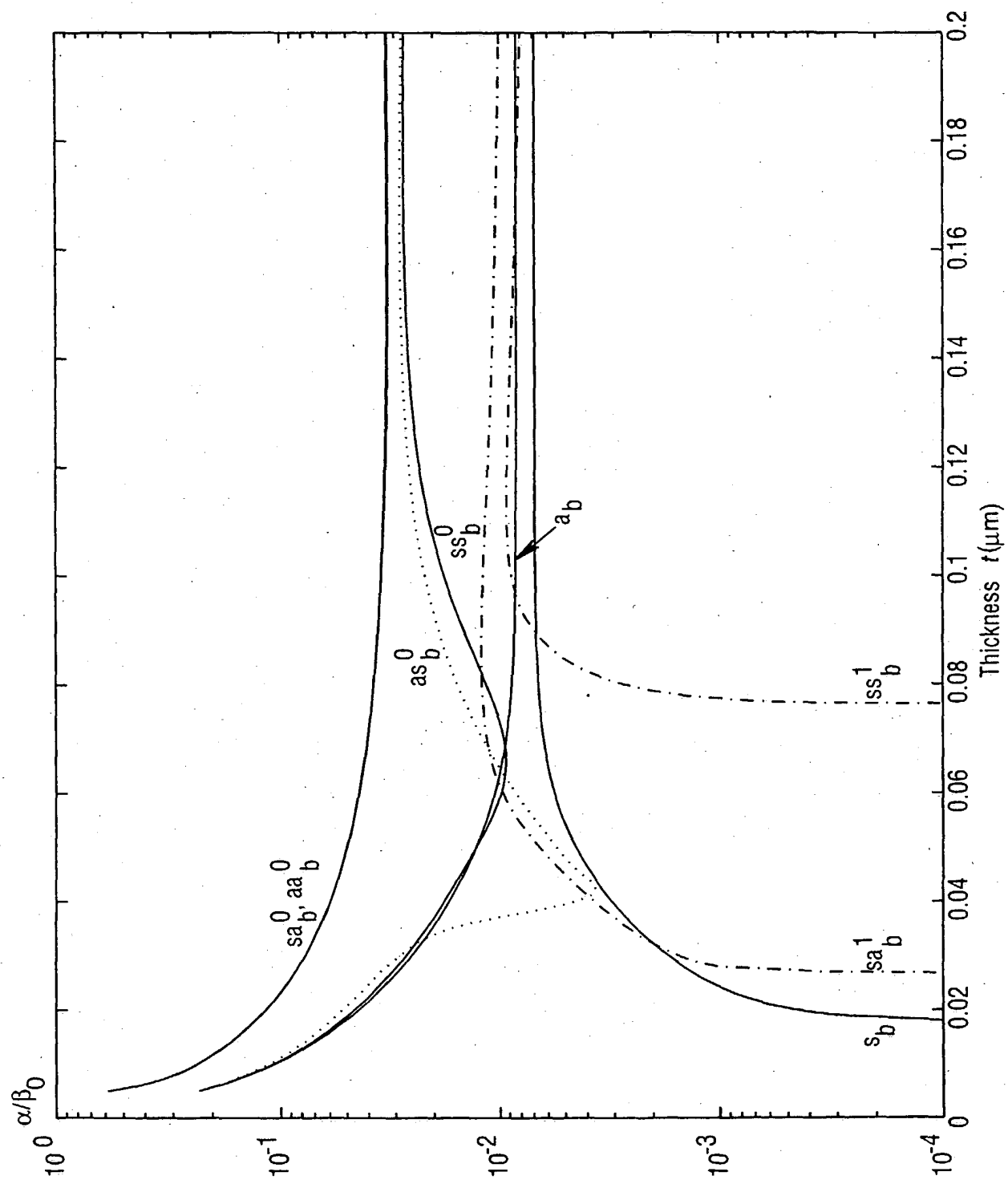


FIG. 23 (b)

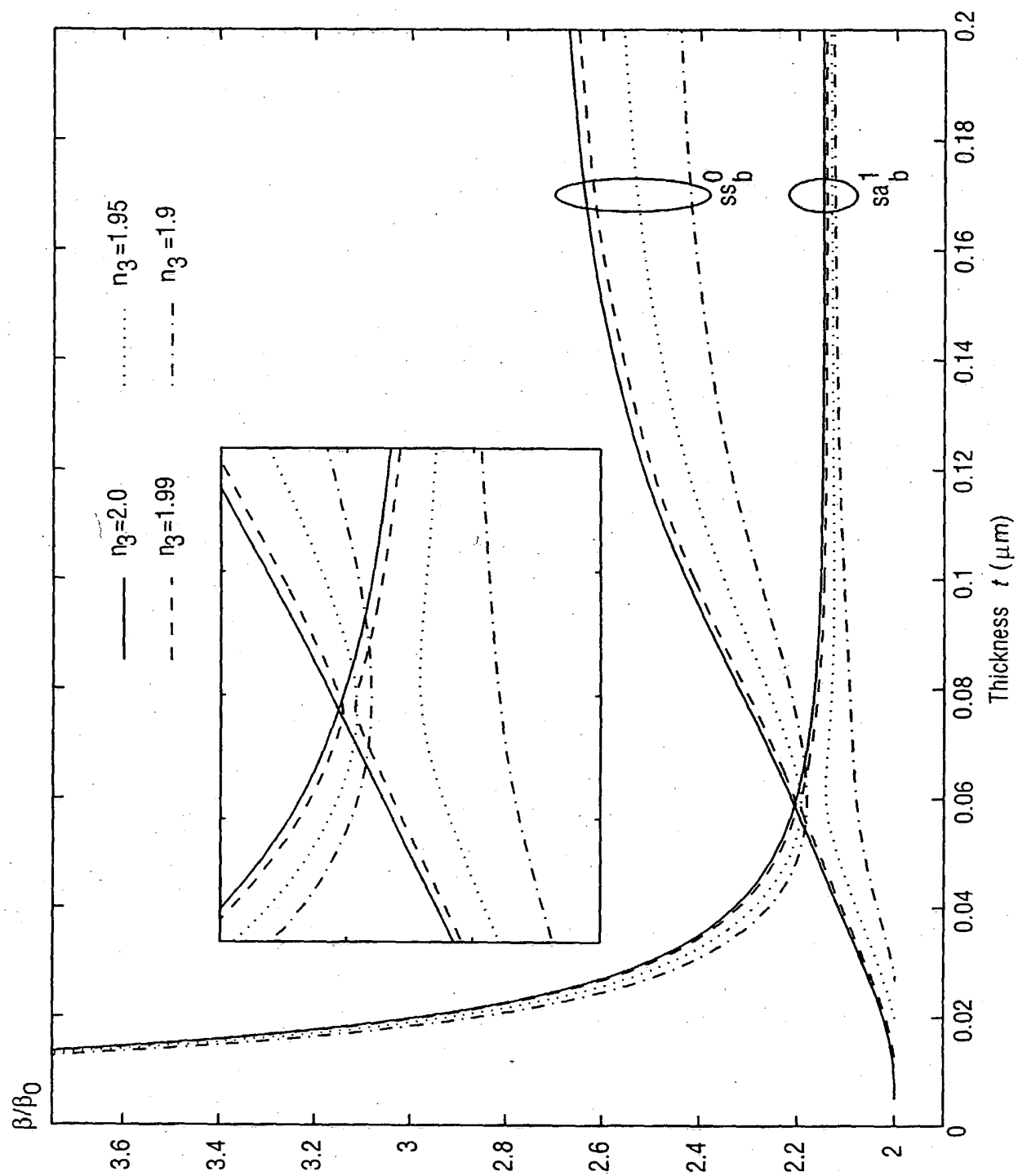


FIG. 24(a)

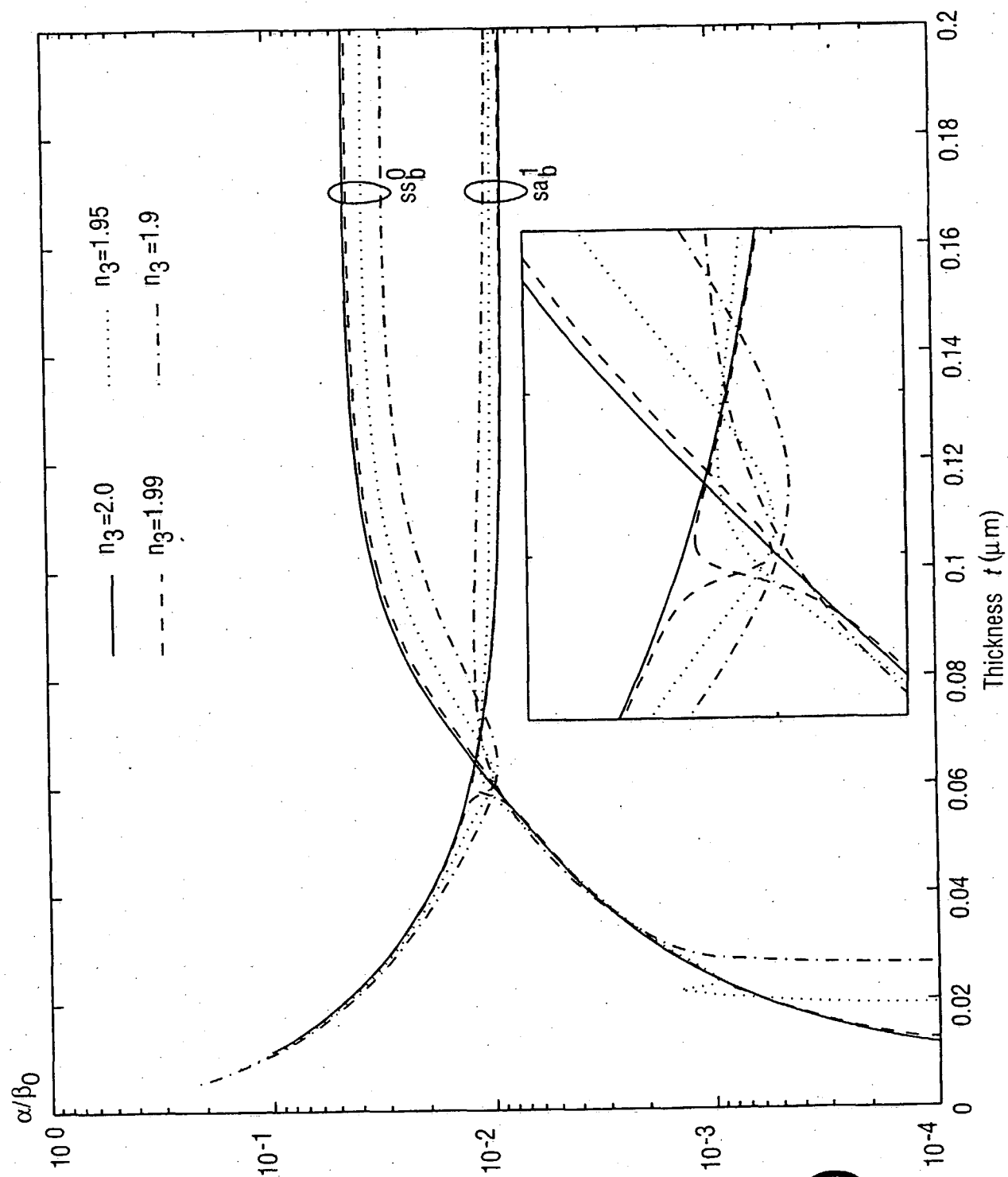


FIG. 24(b)

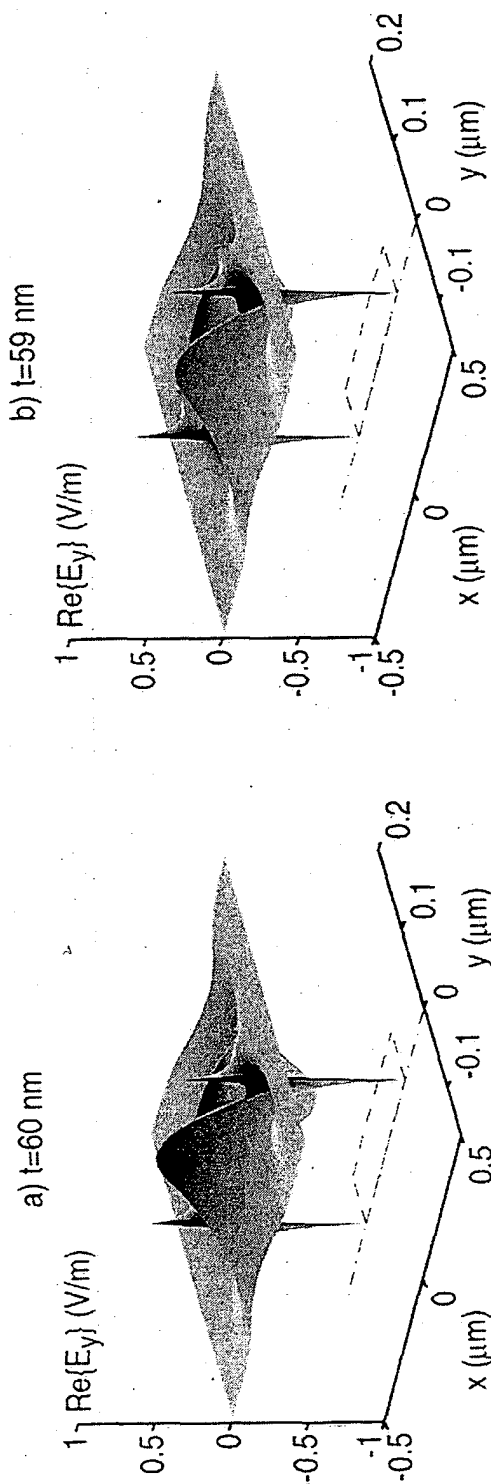


FIG. 25(a)

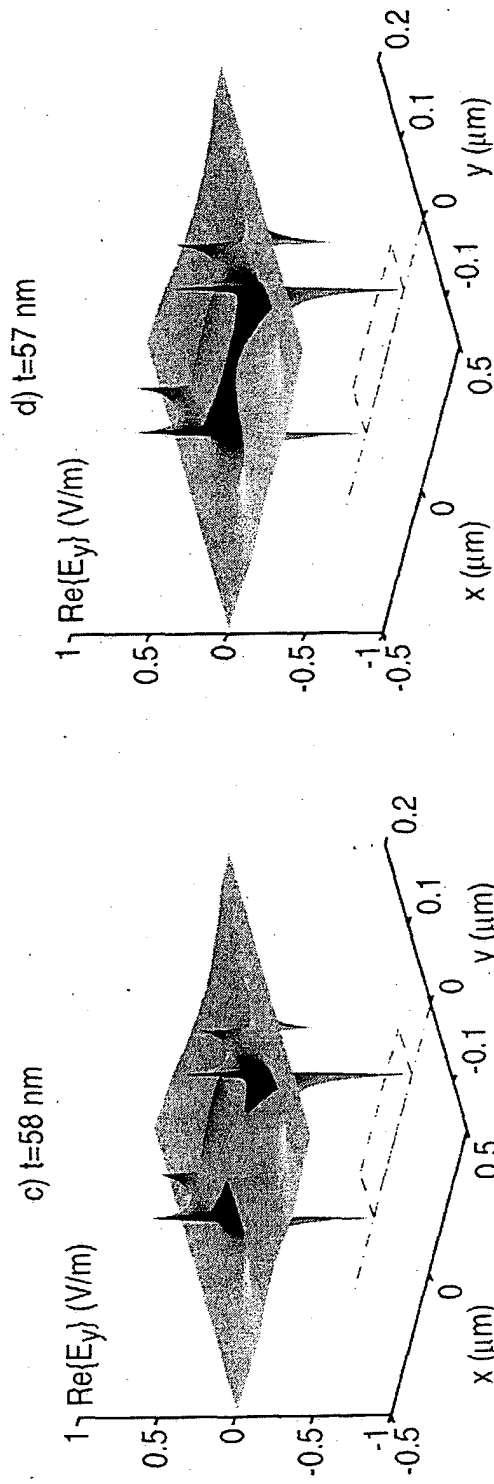


FIG. 25(c)

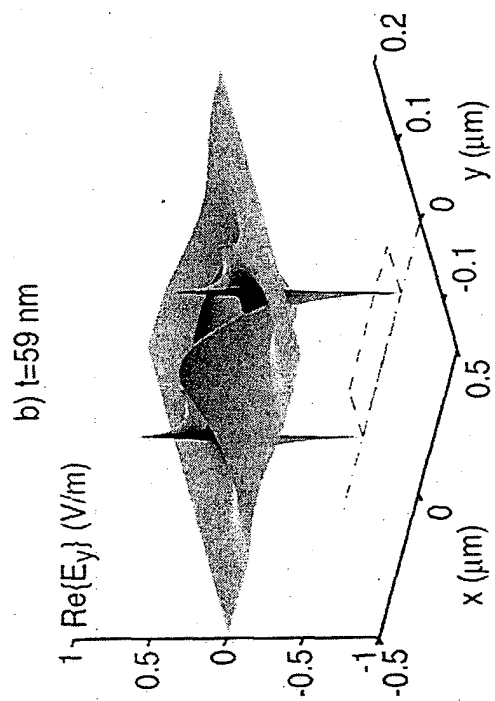


FIG. 25(b)

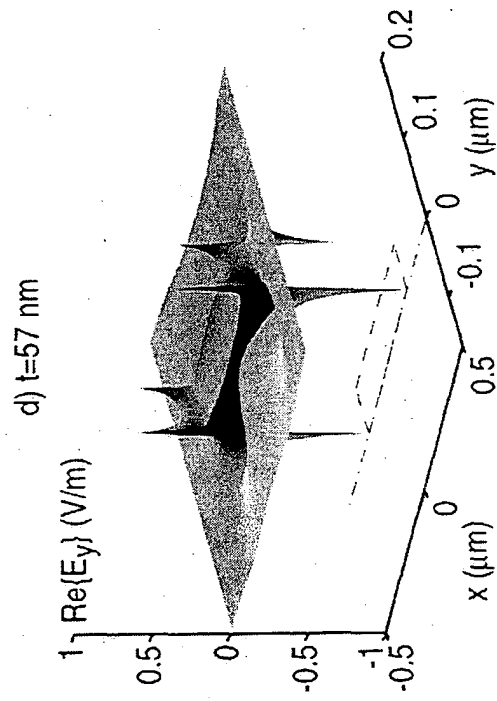


FIG. 25(d)

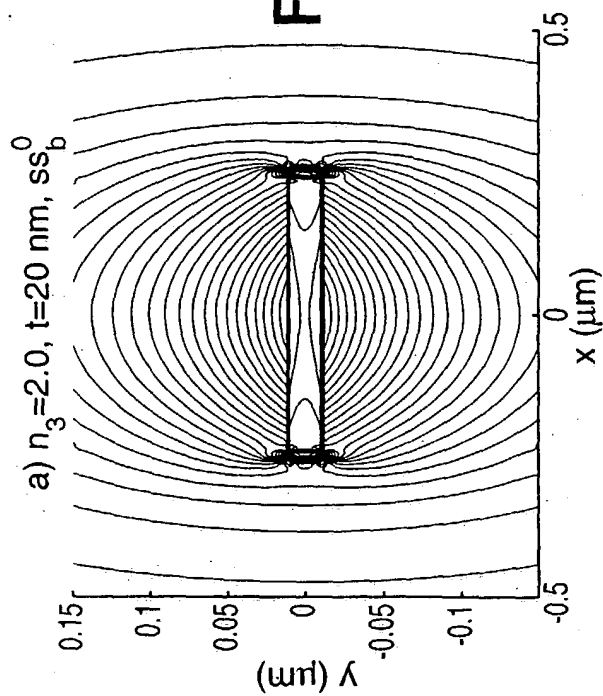


FIG. 26(a)

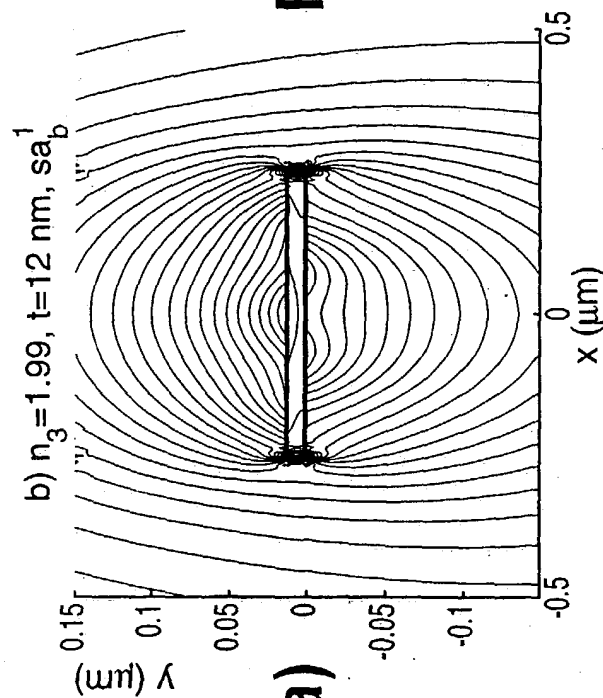


FIG. 26(b)

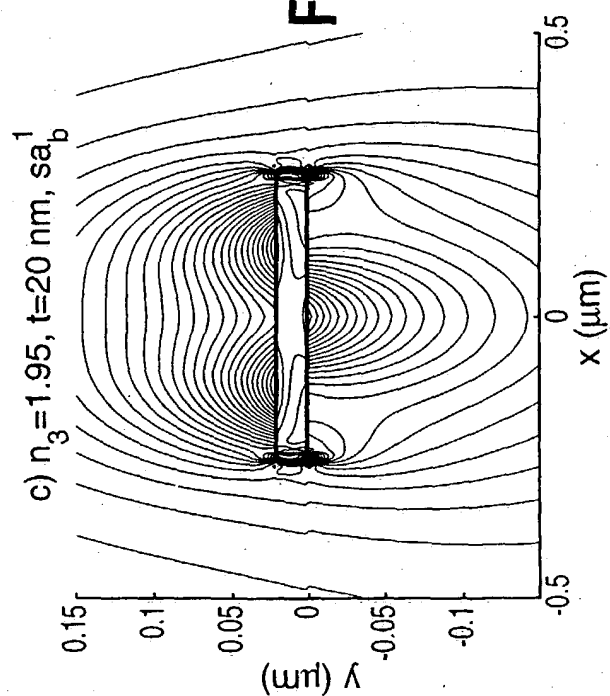


FIG. 26(c)

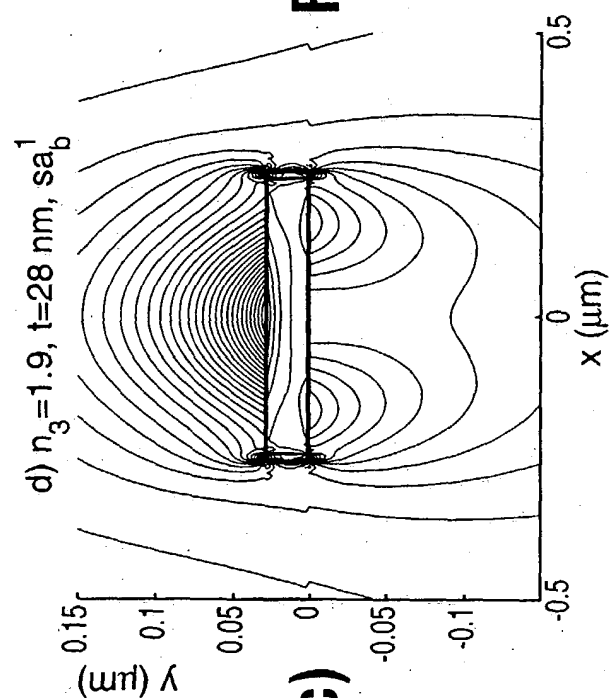


FIG. 26(d)

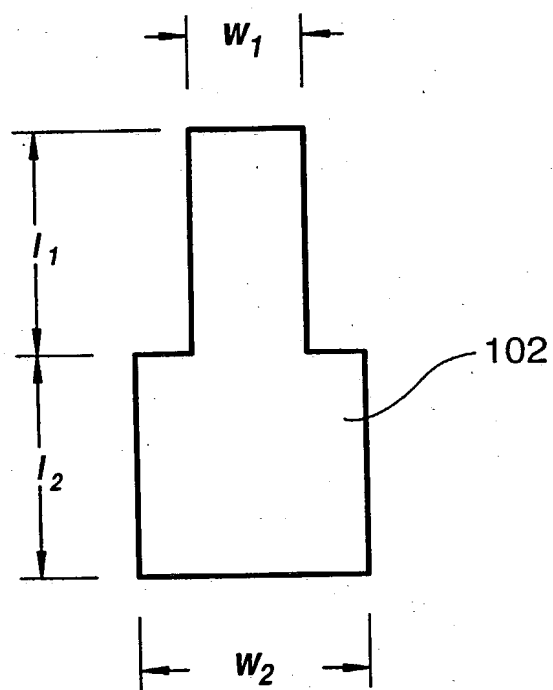


FIG. 27

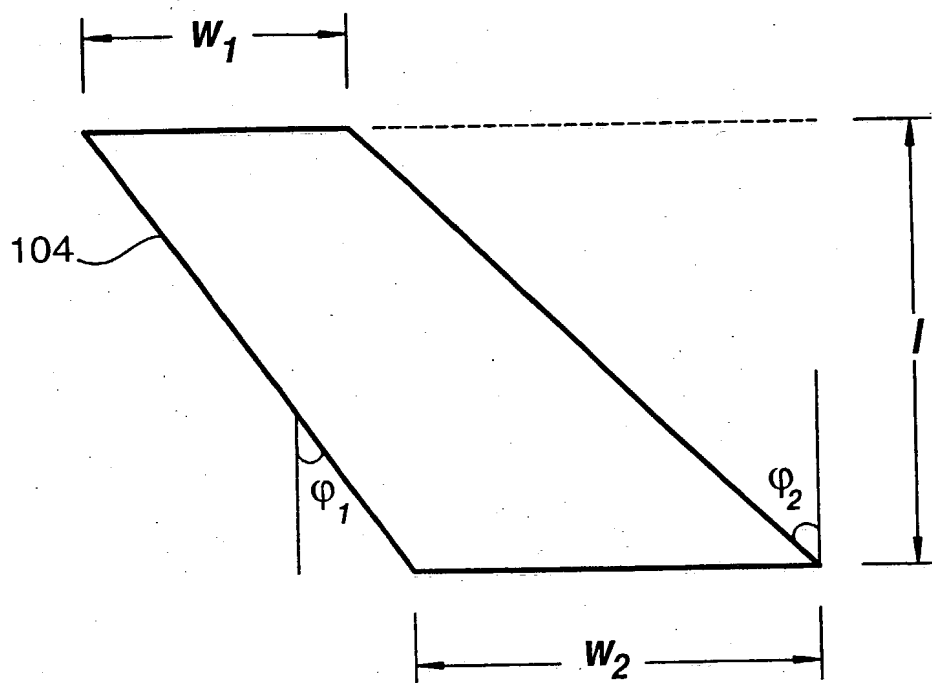


FIG. 28

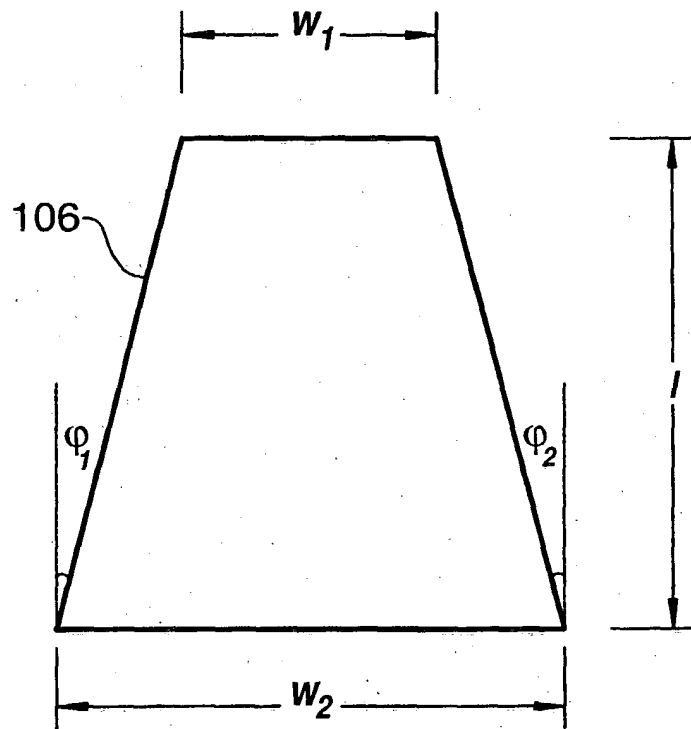


FIG. 29

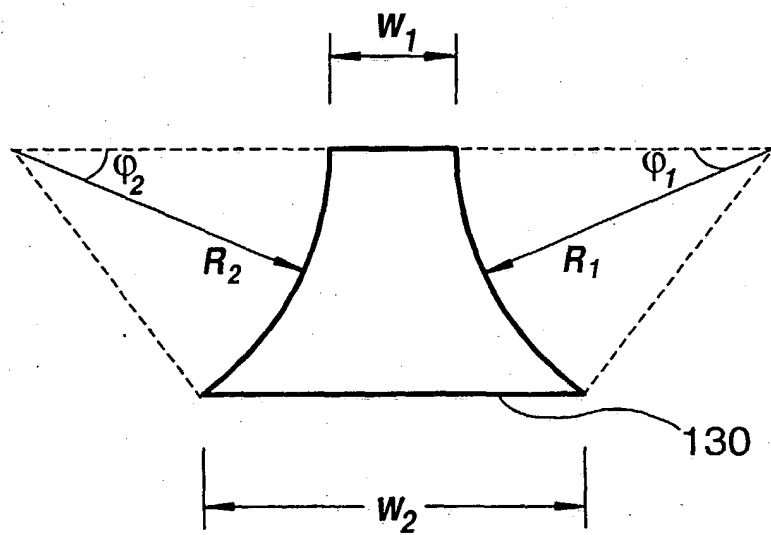


FIG. 30

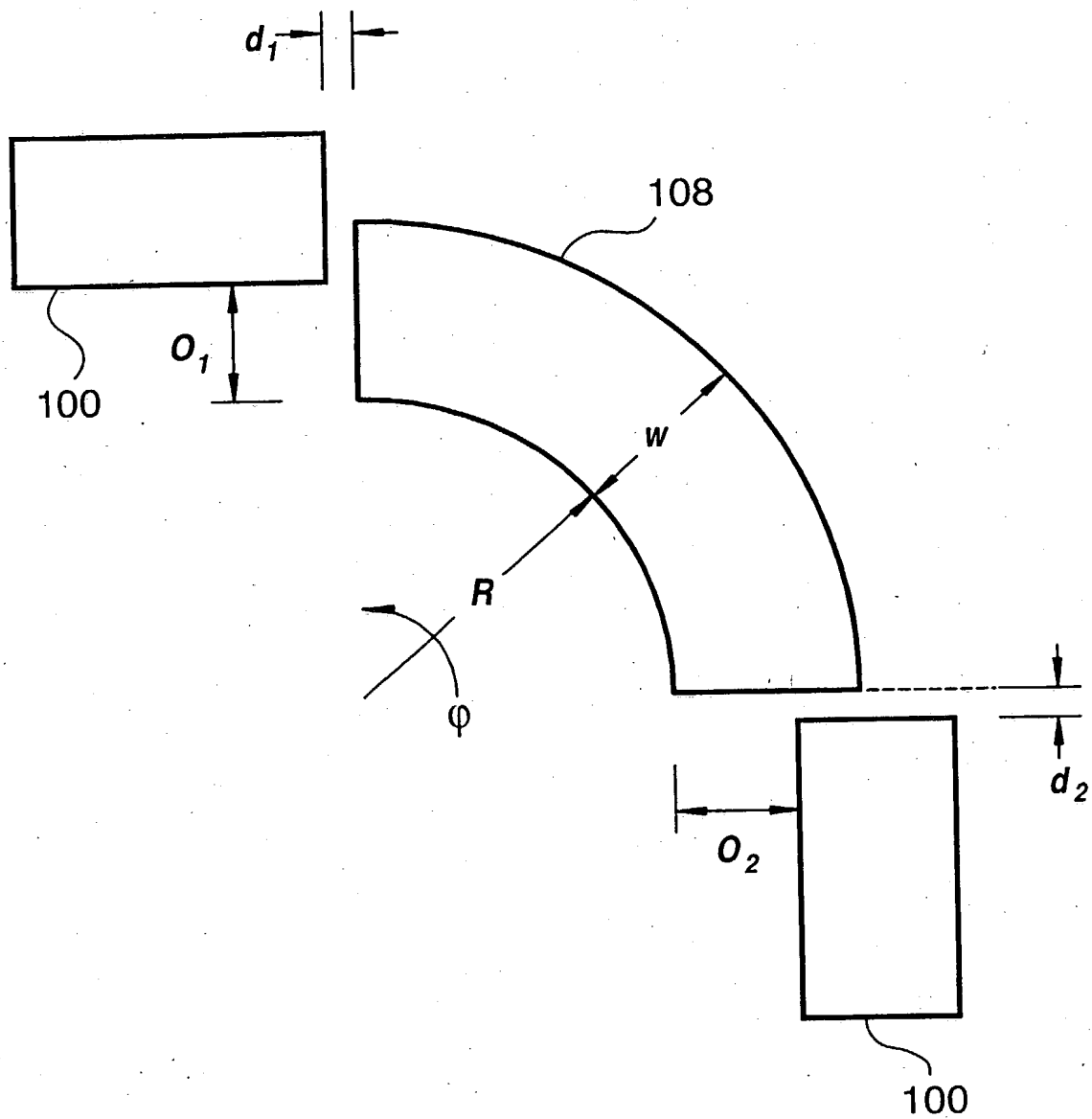


FIG. 31

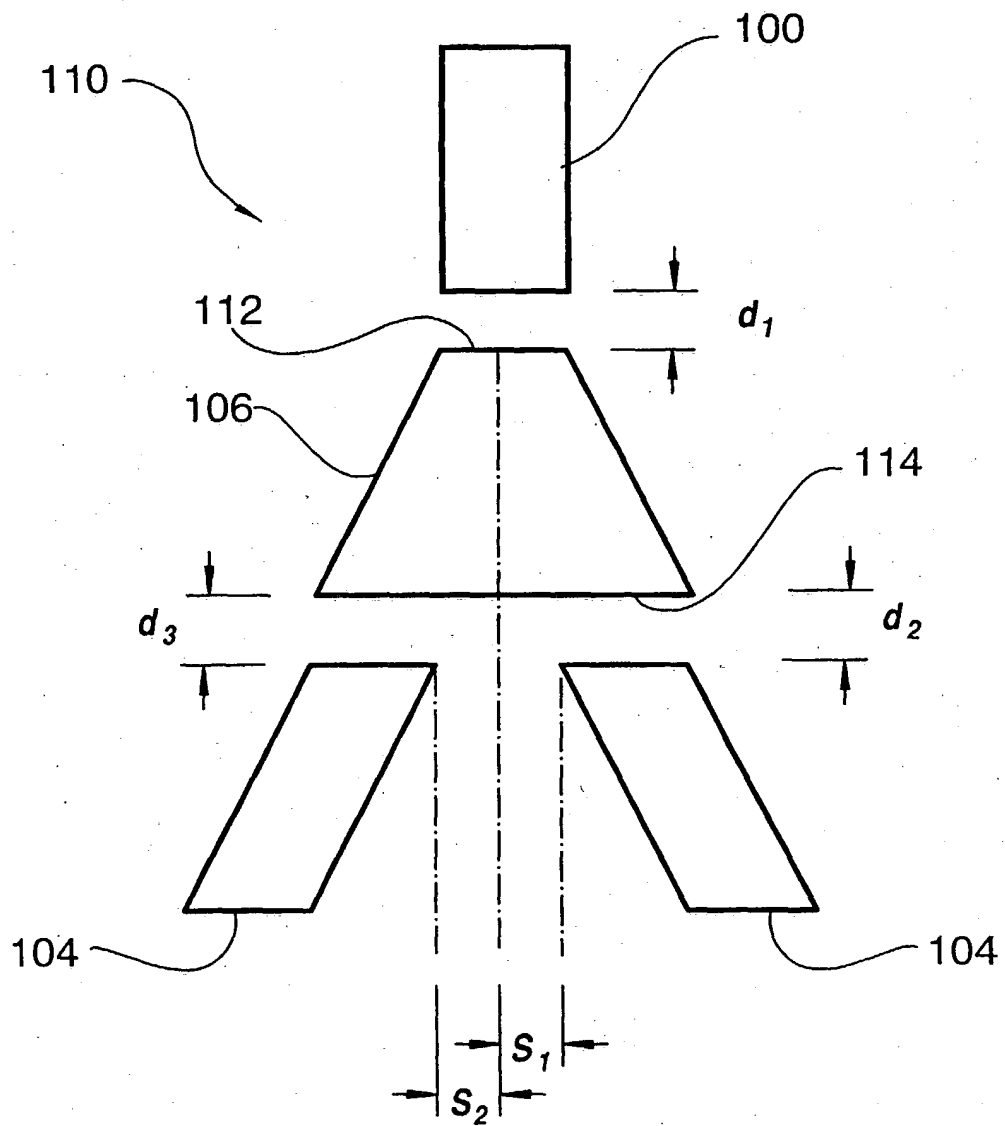


FIG. 32

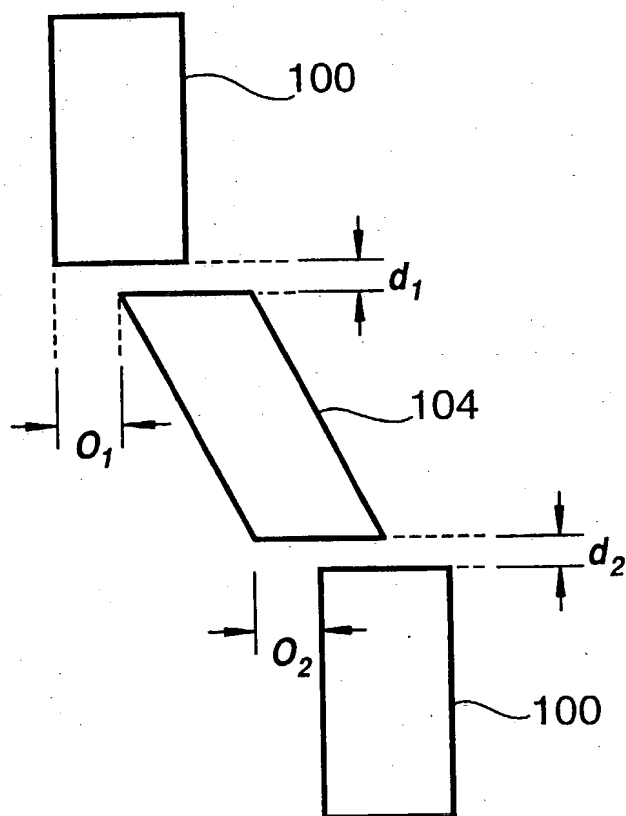
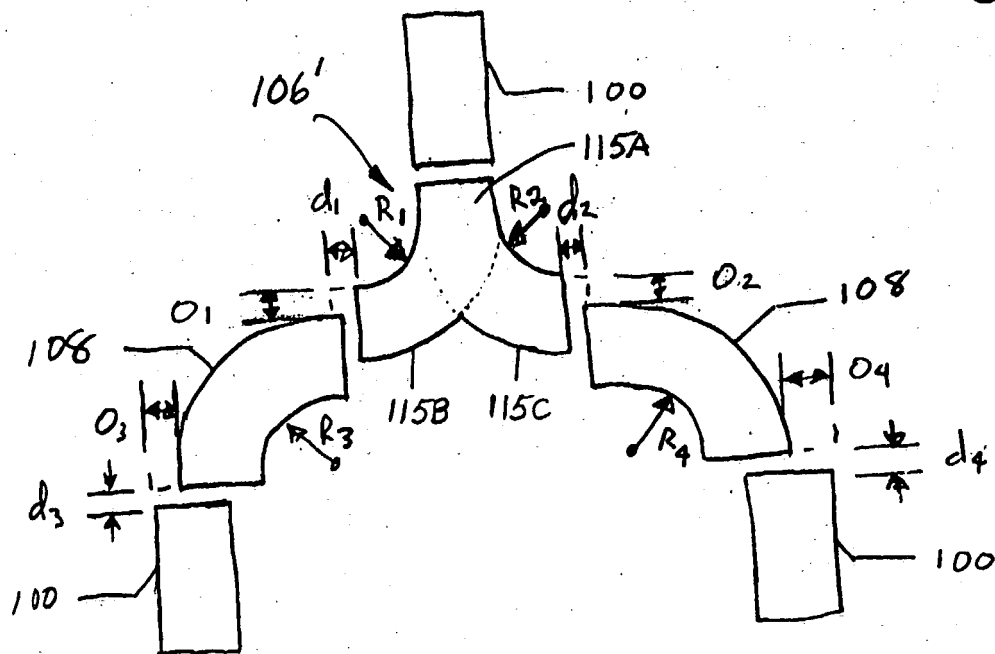
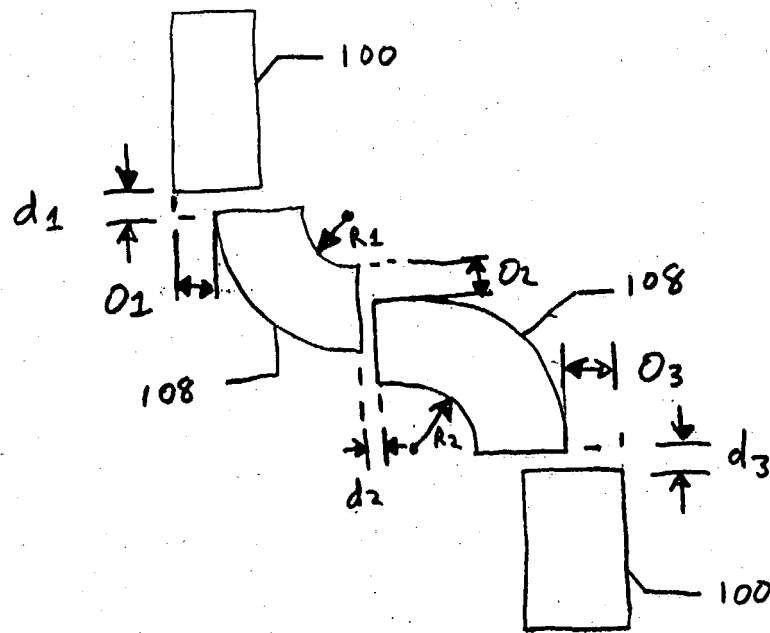


FIG. 33 (a)



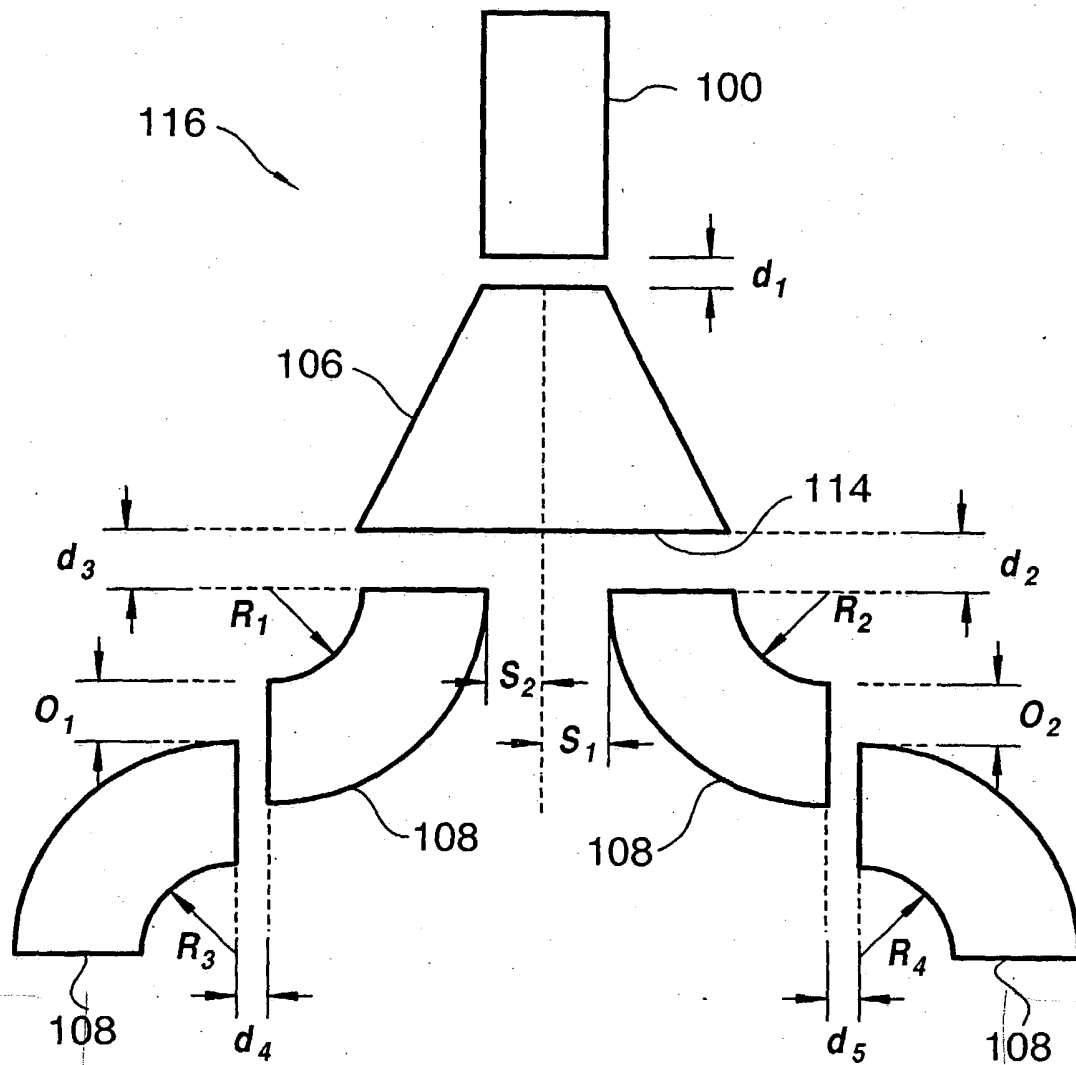


FIG. 34(a)

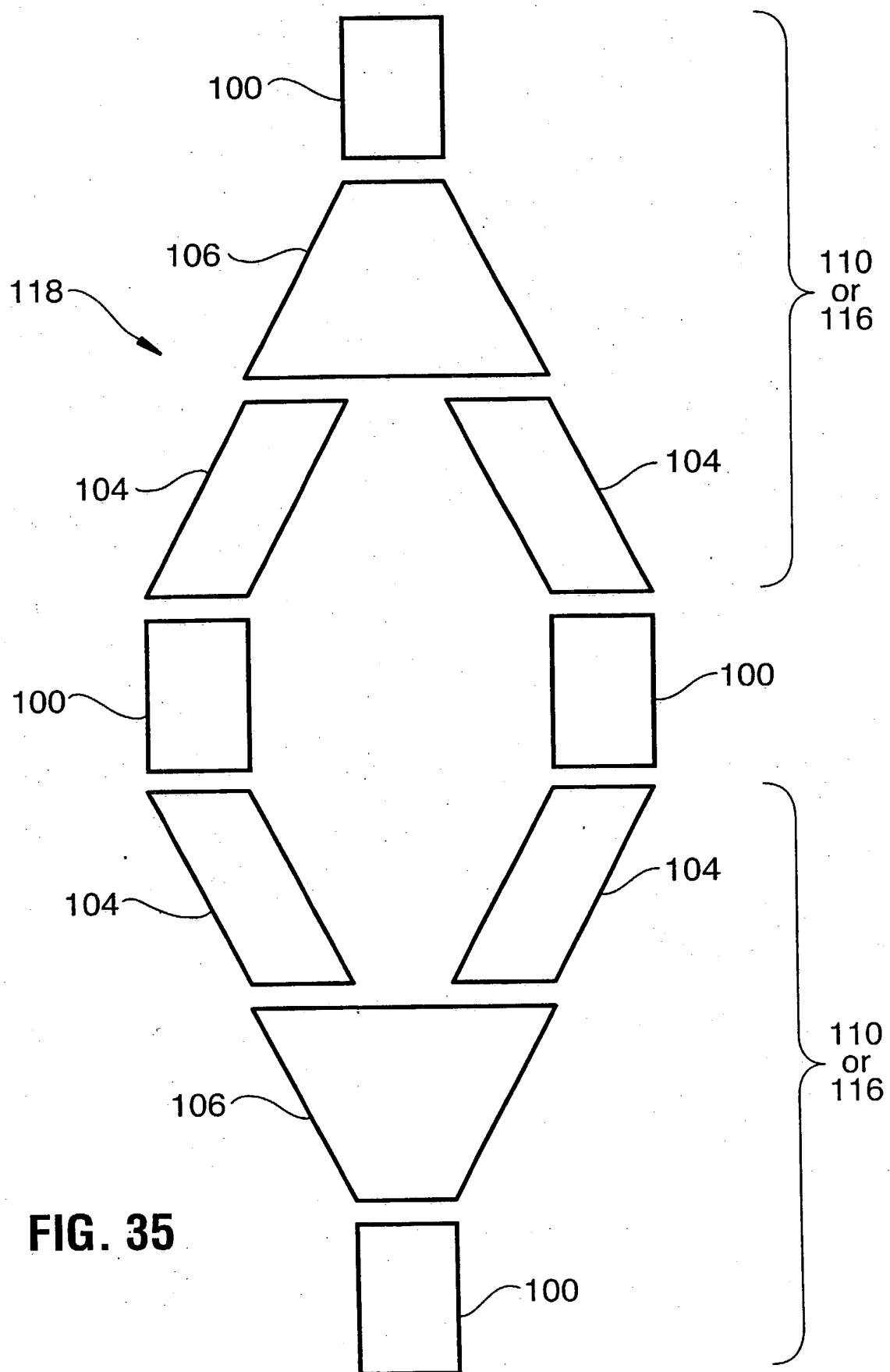


FIG. 35

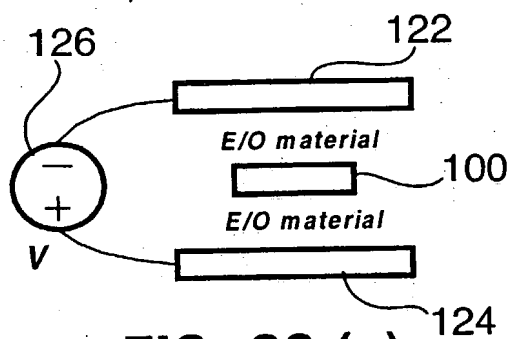


FIG. 36 (c)

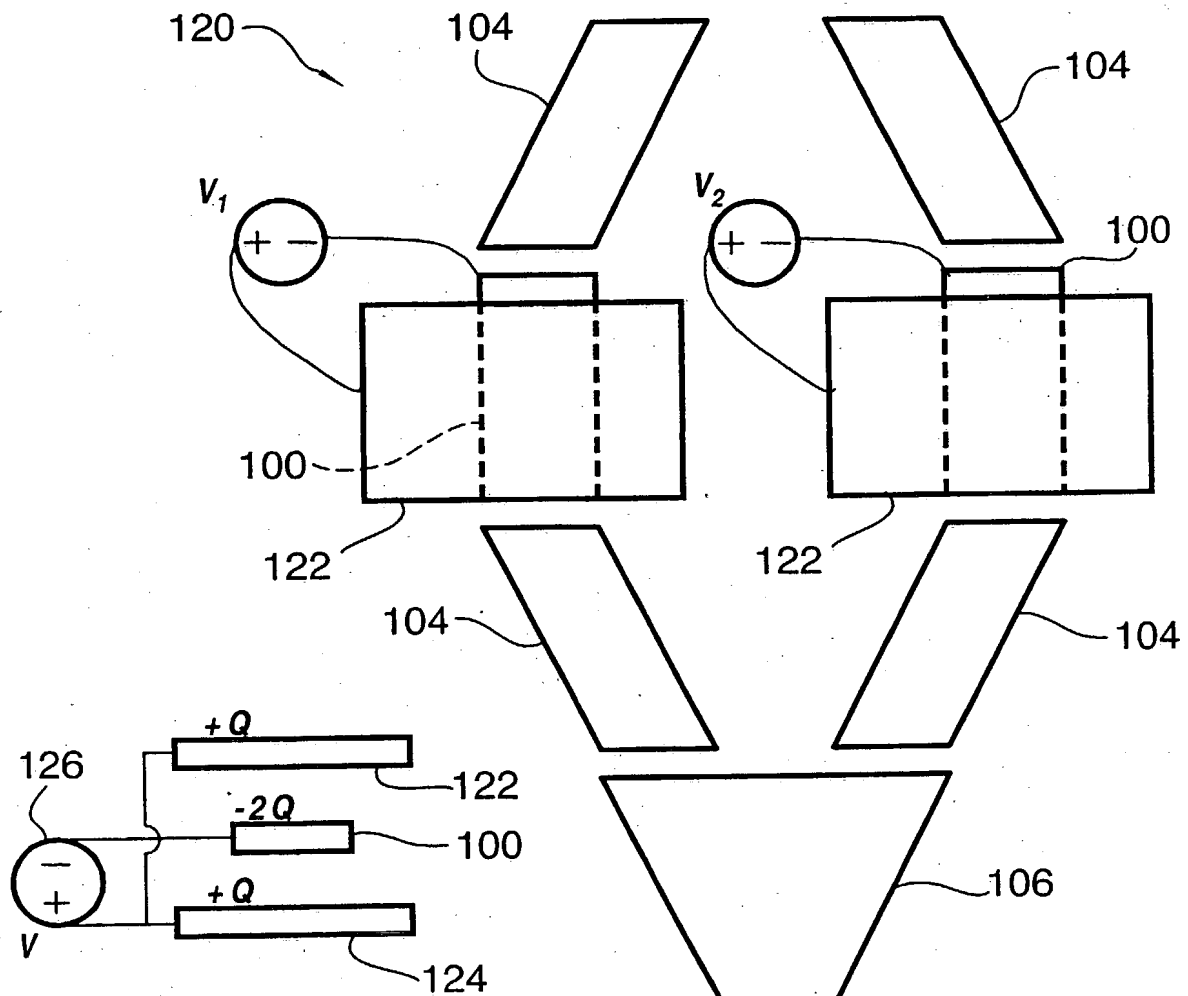


FIG. 36 (b)

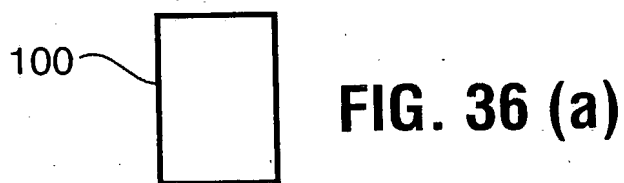


FIG. 36 (a)

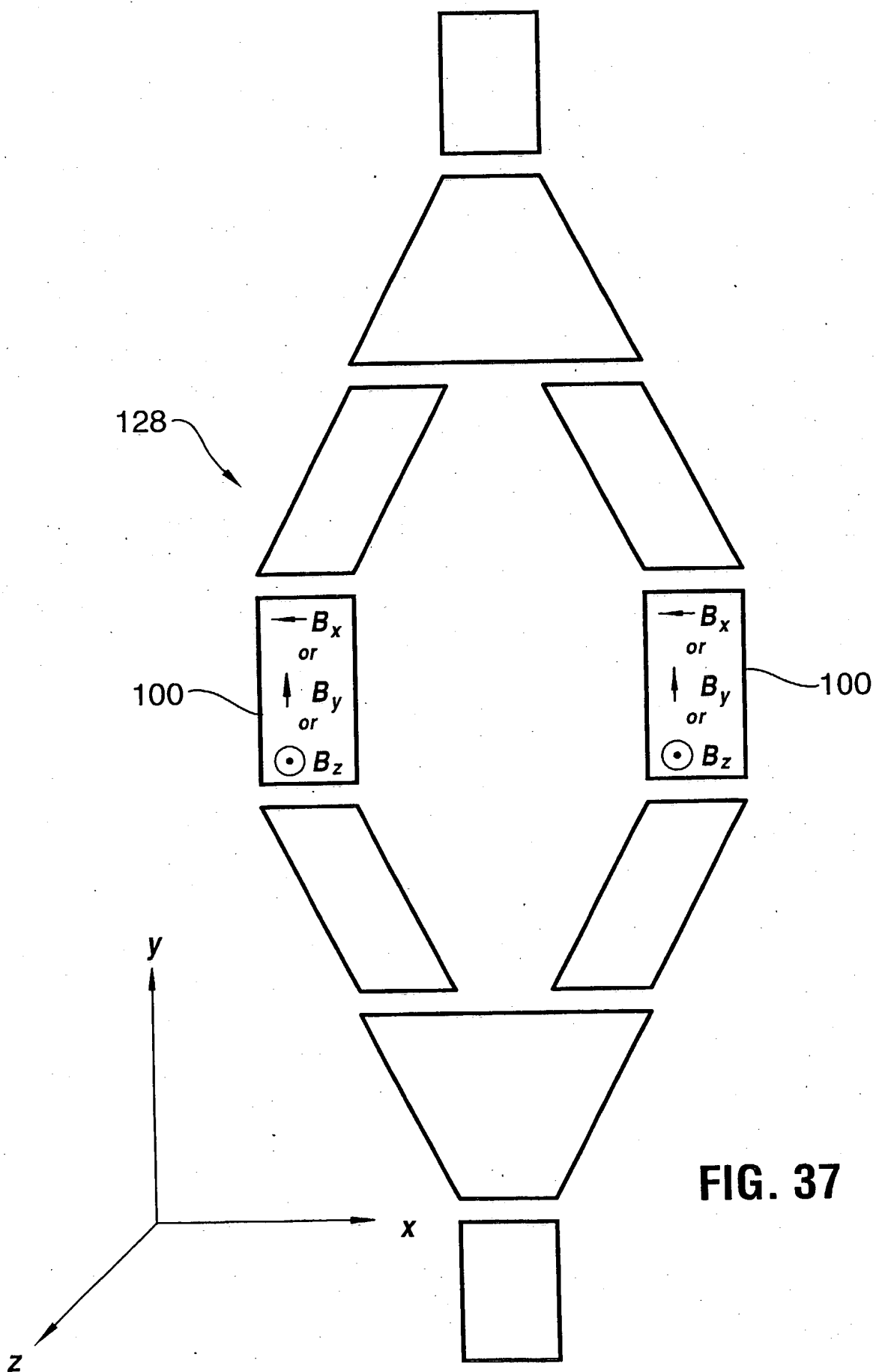


FIG. 37

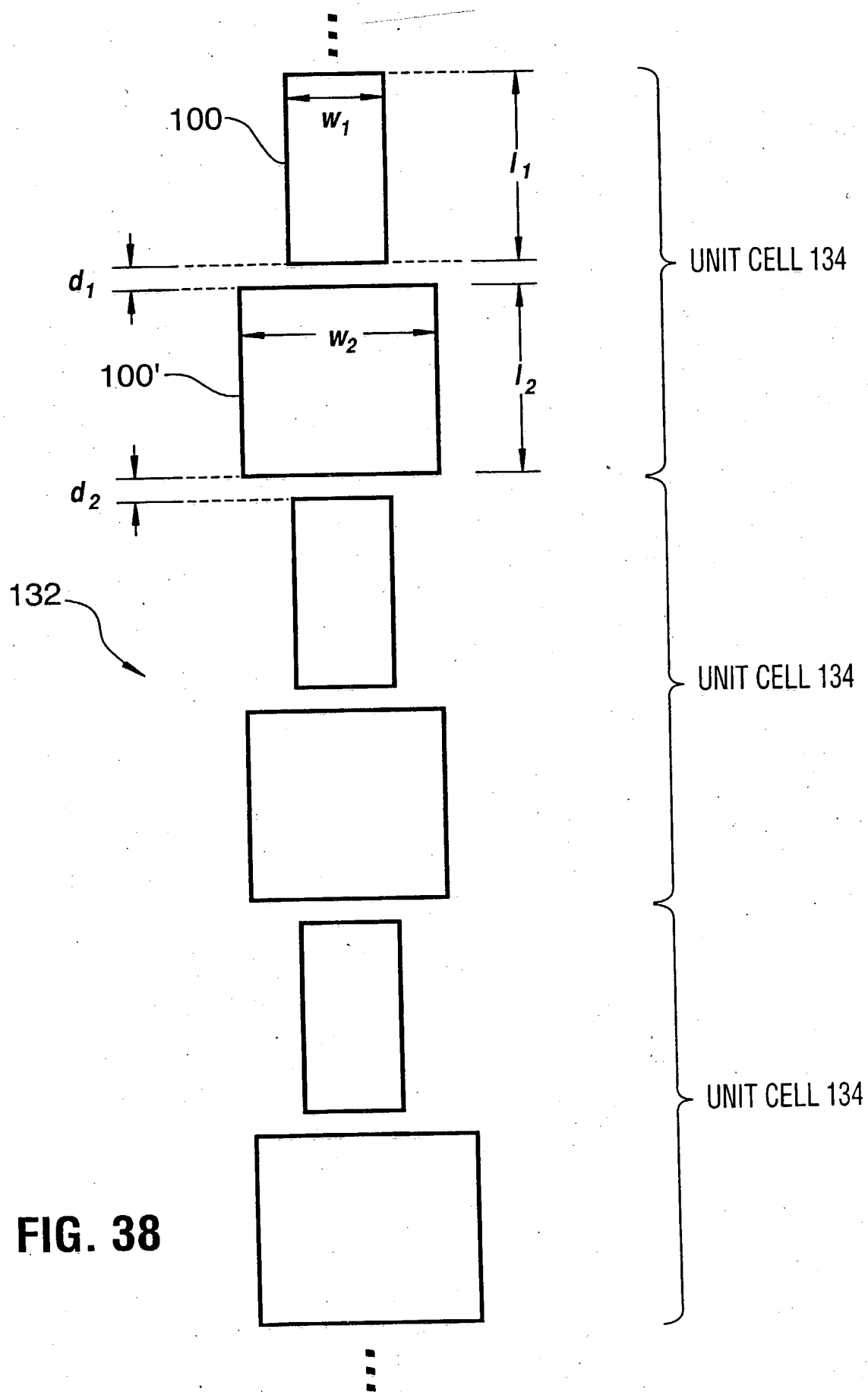


FIG. 38

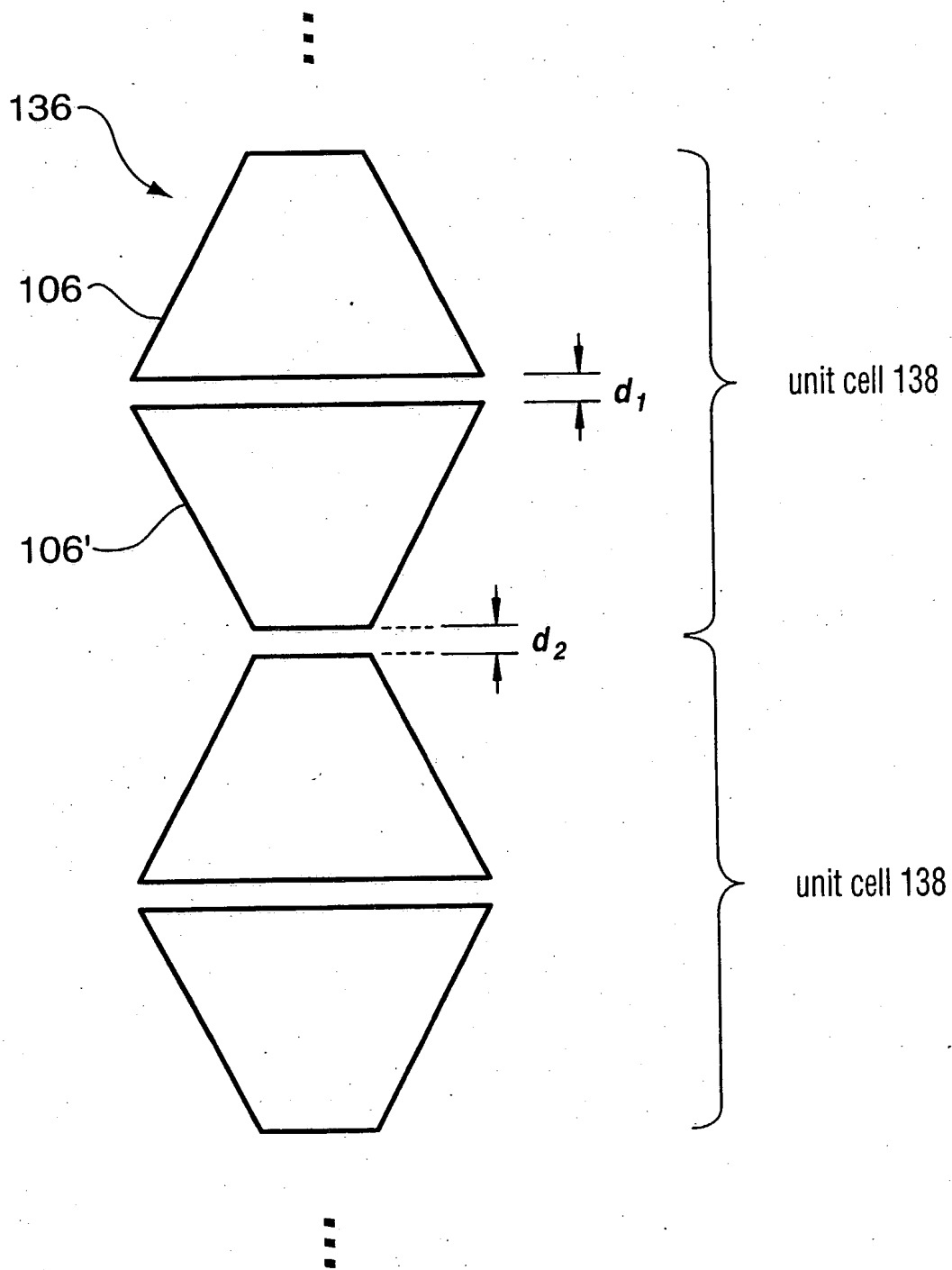


FIG. 39

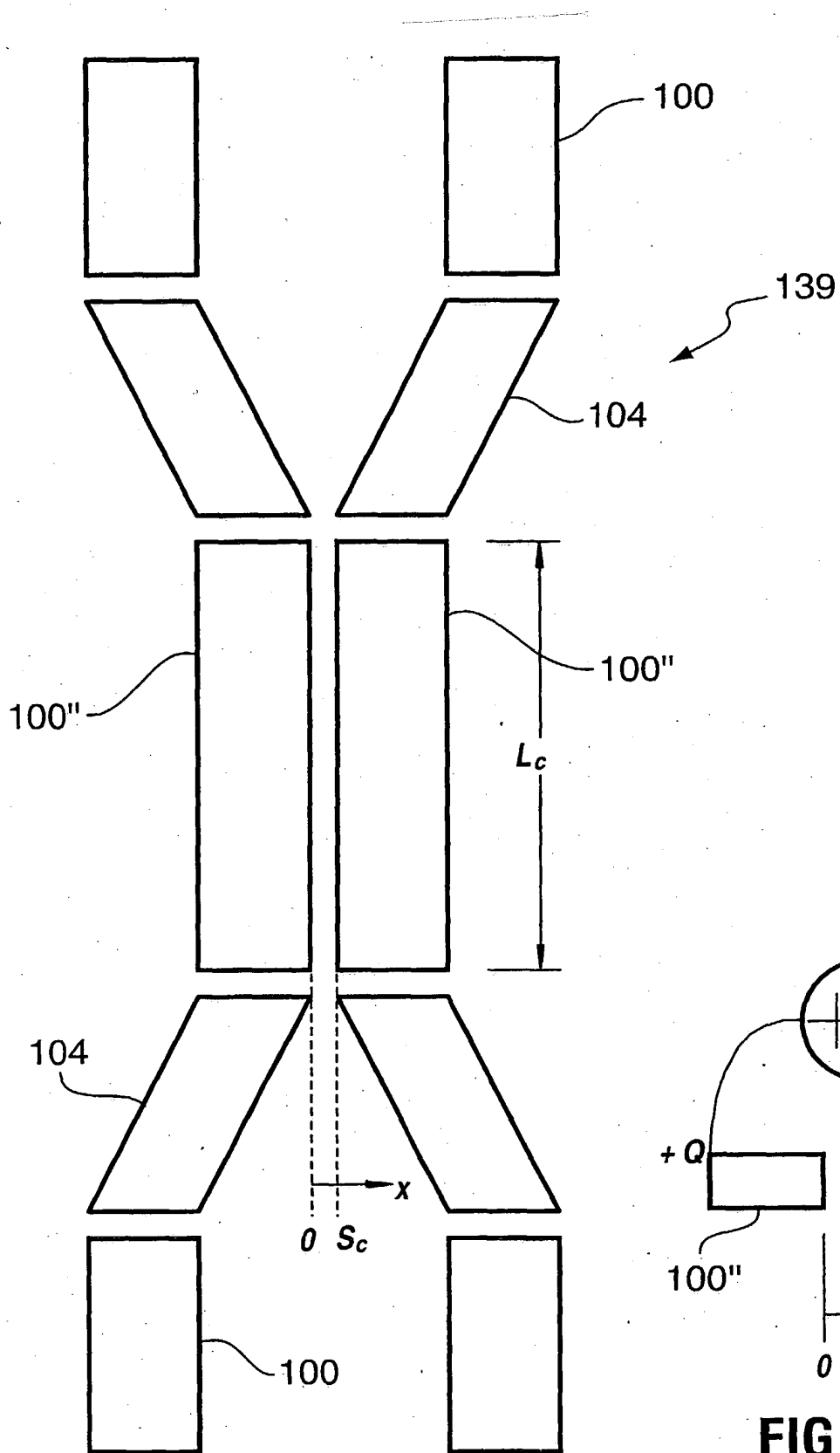


FIG. 40 (a)

FIG. 40 (b)

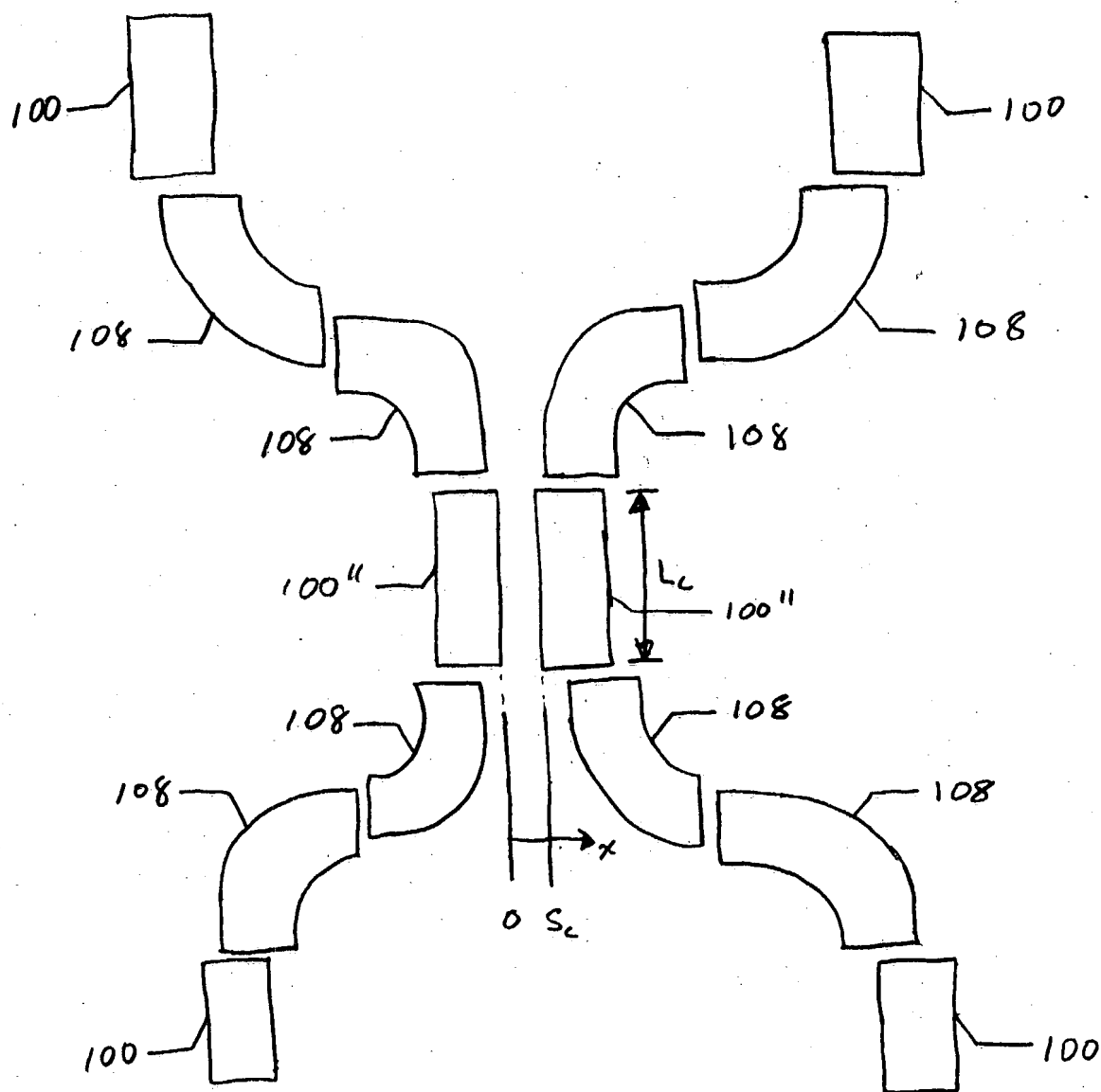


Fig. 40(c)

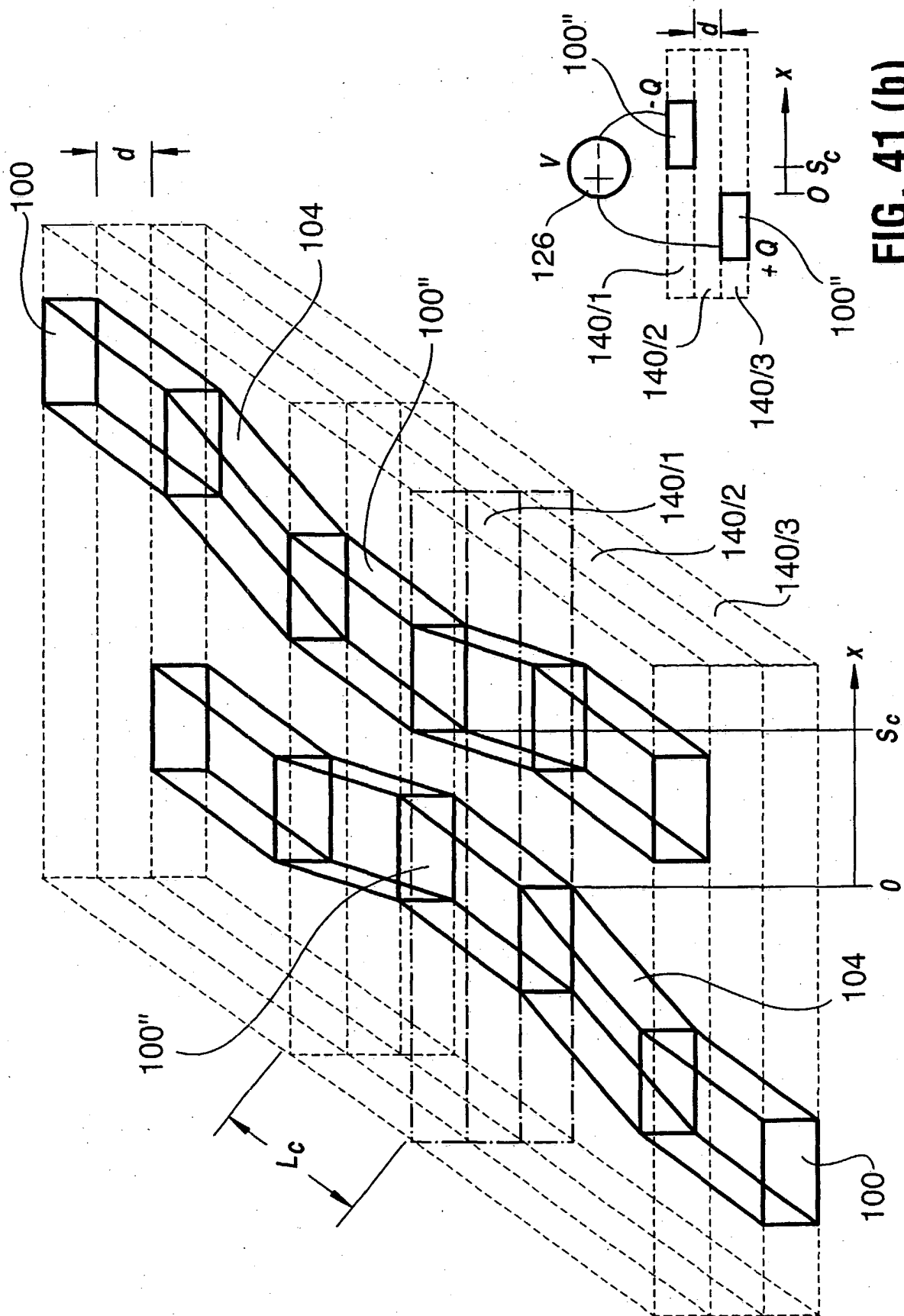


FIG. 41 (a)

FIG. 41 (b)

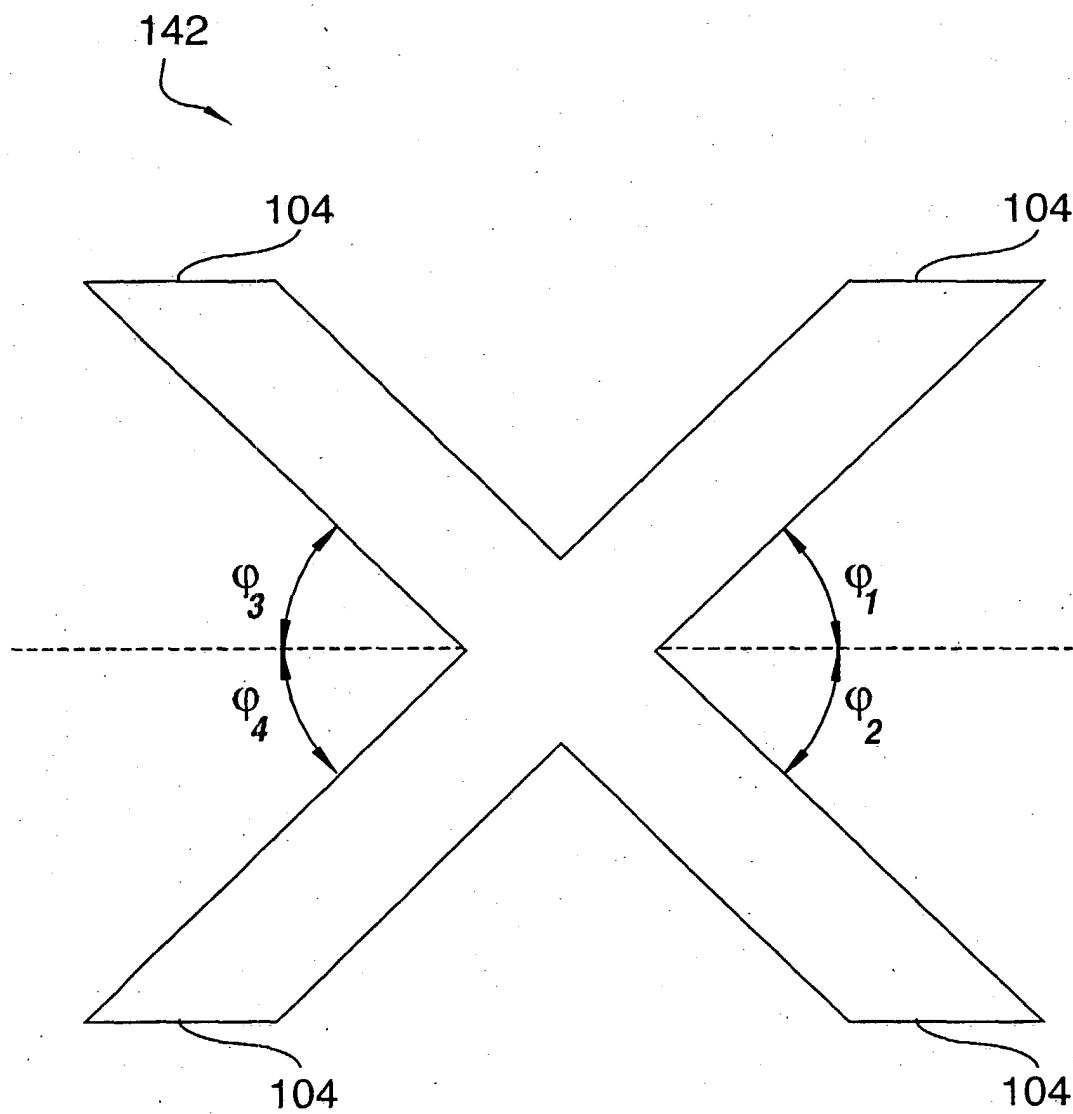
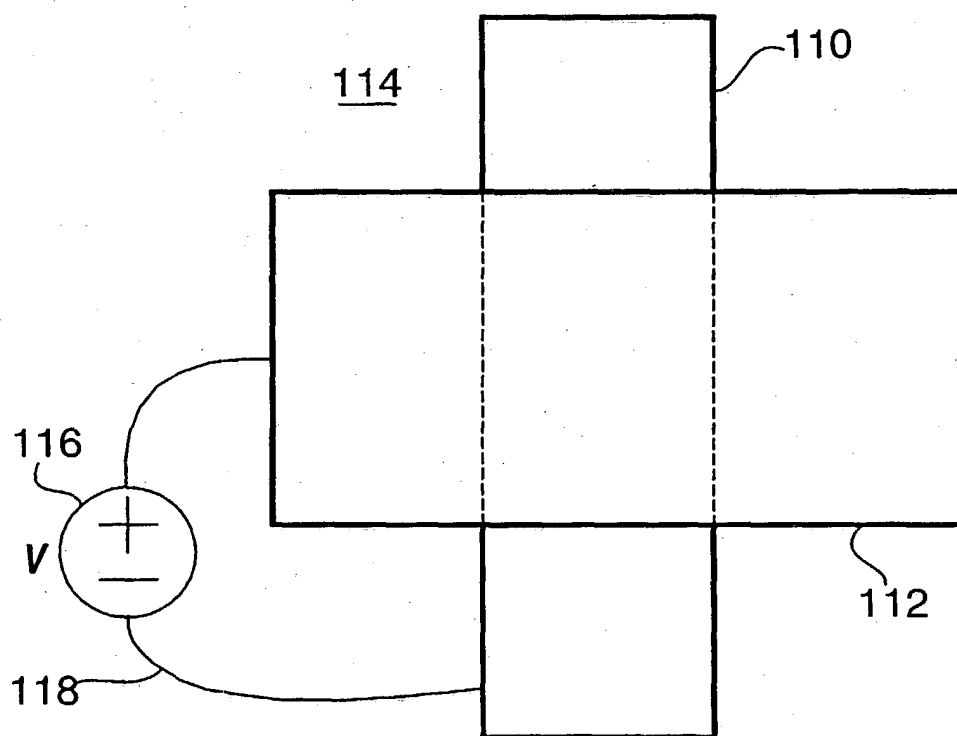
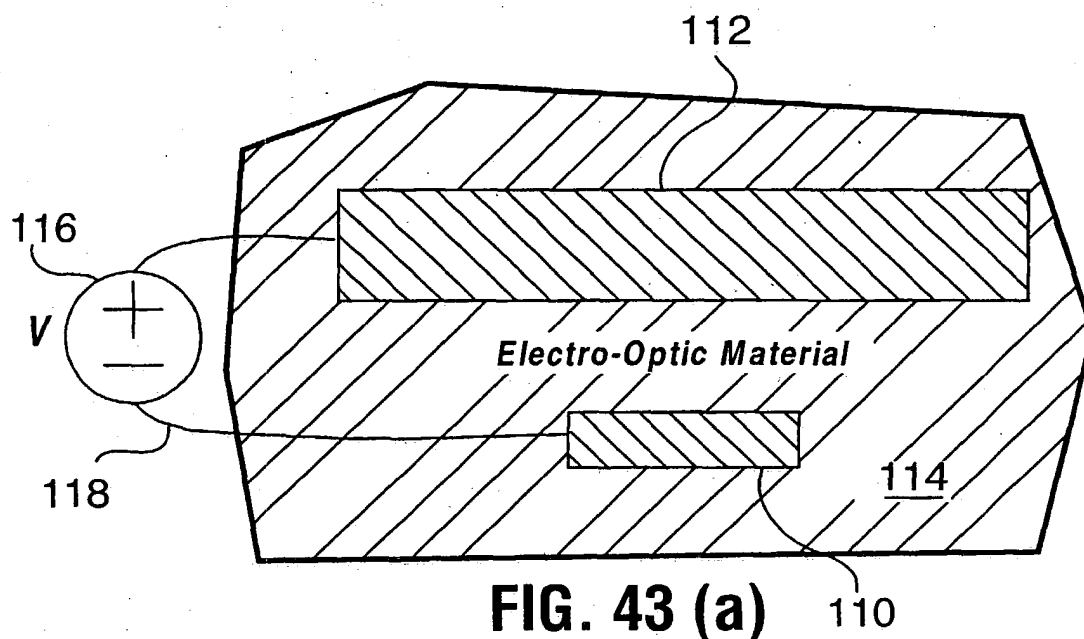
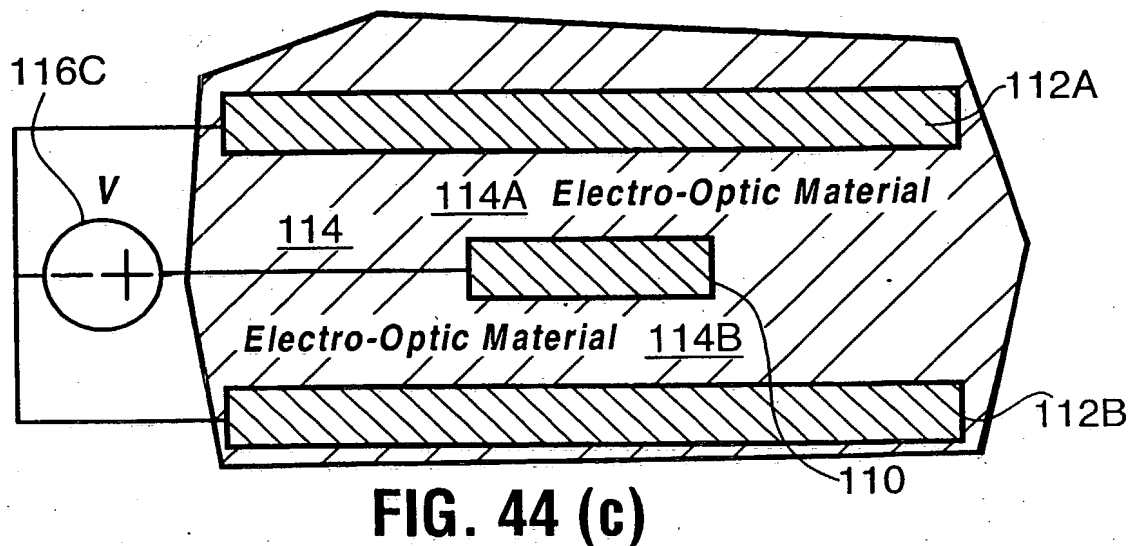
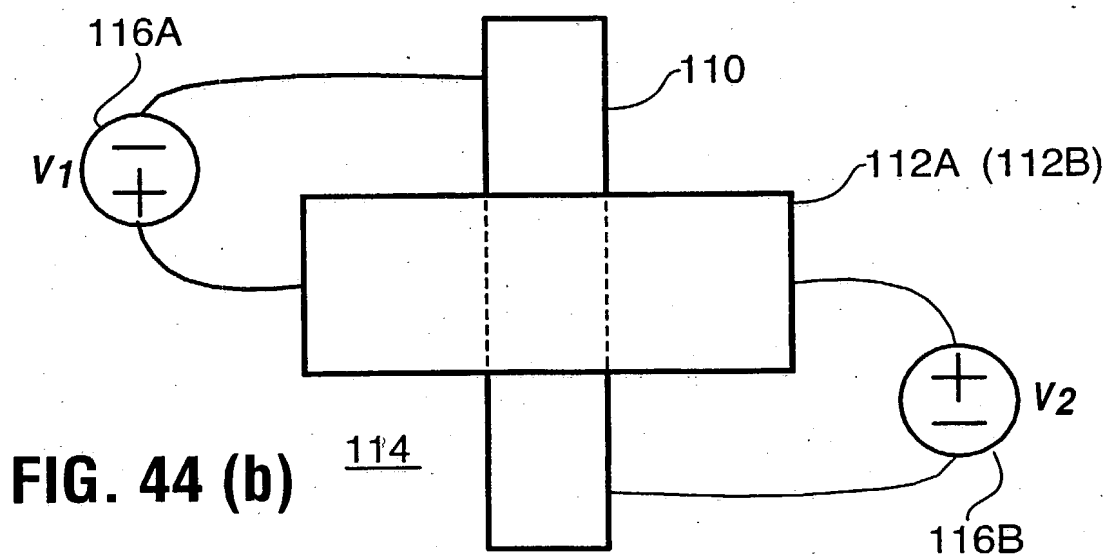
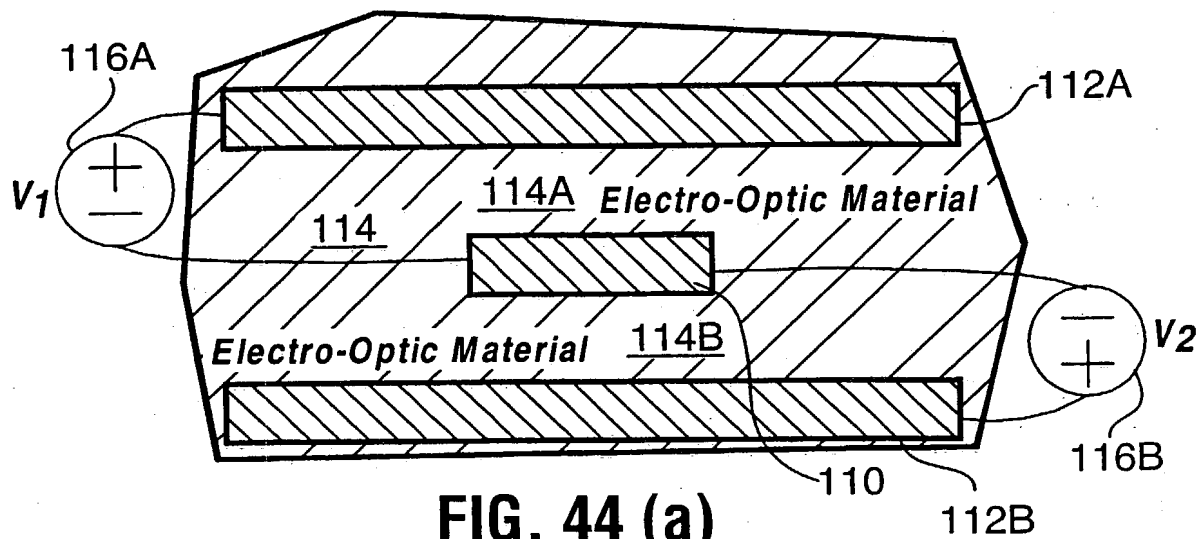


FIG. 42





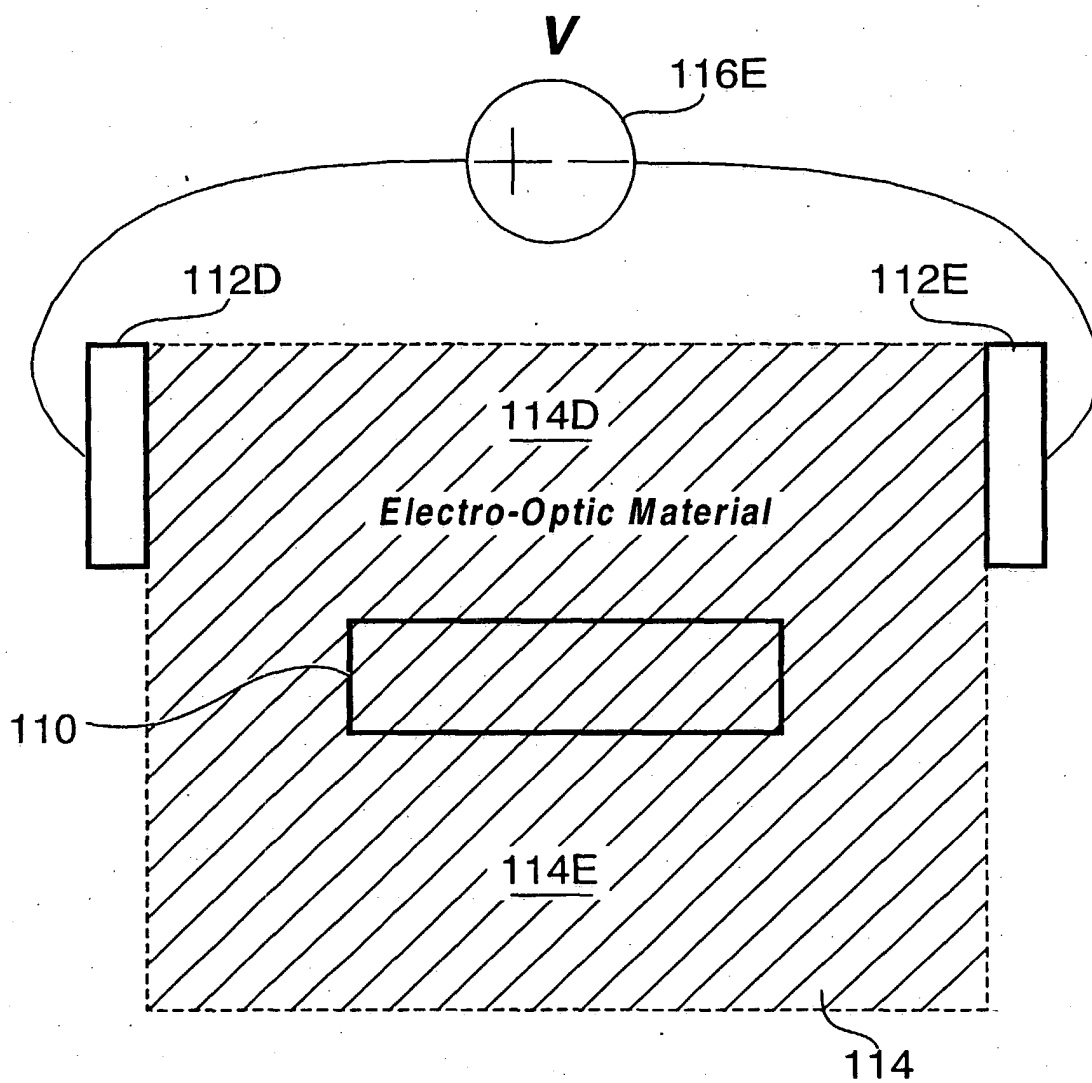
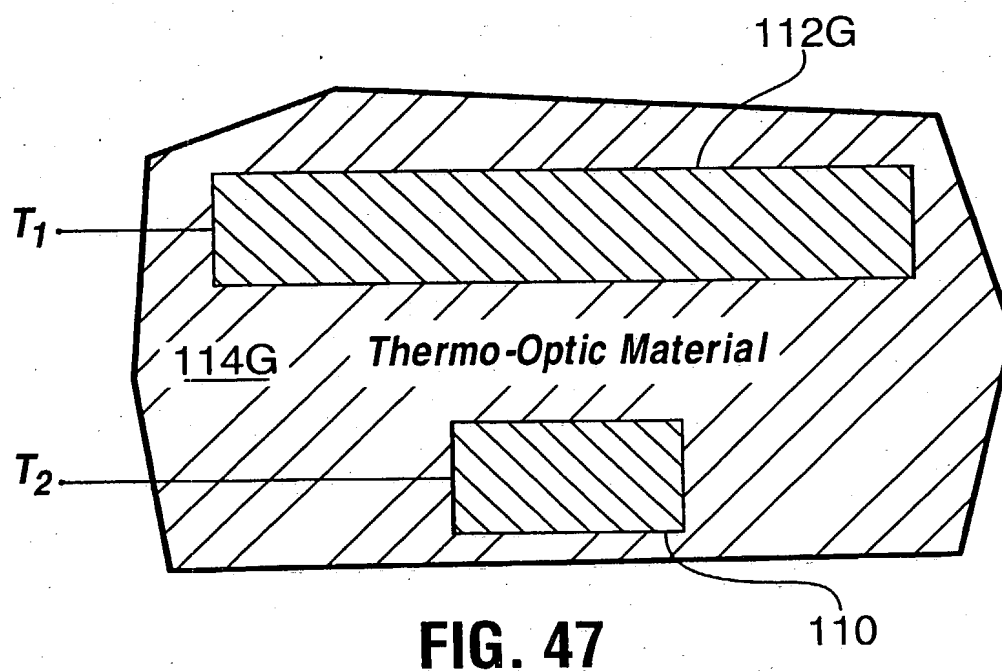
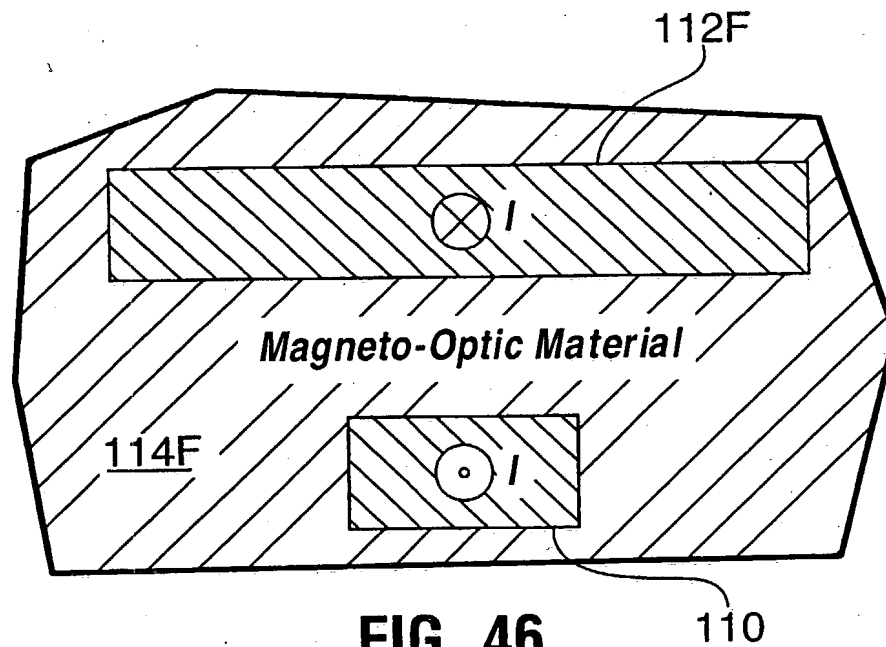


FIG. 45



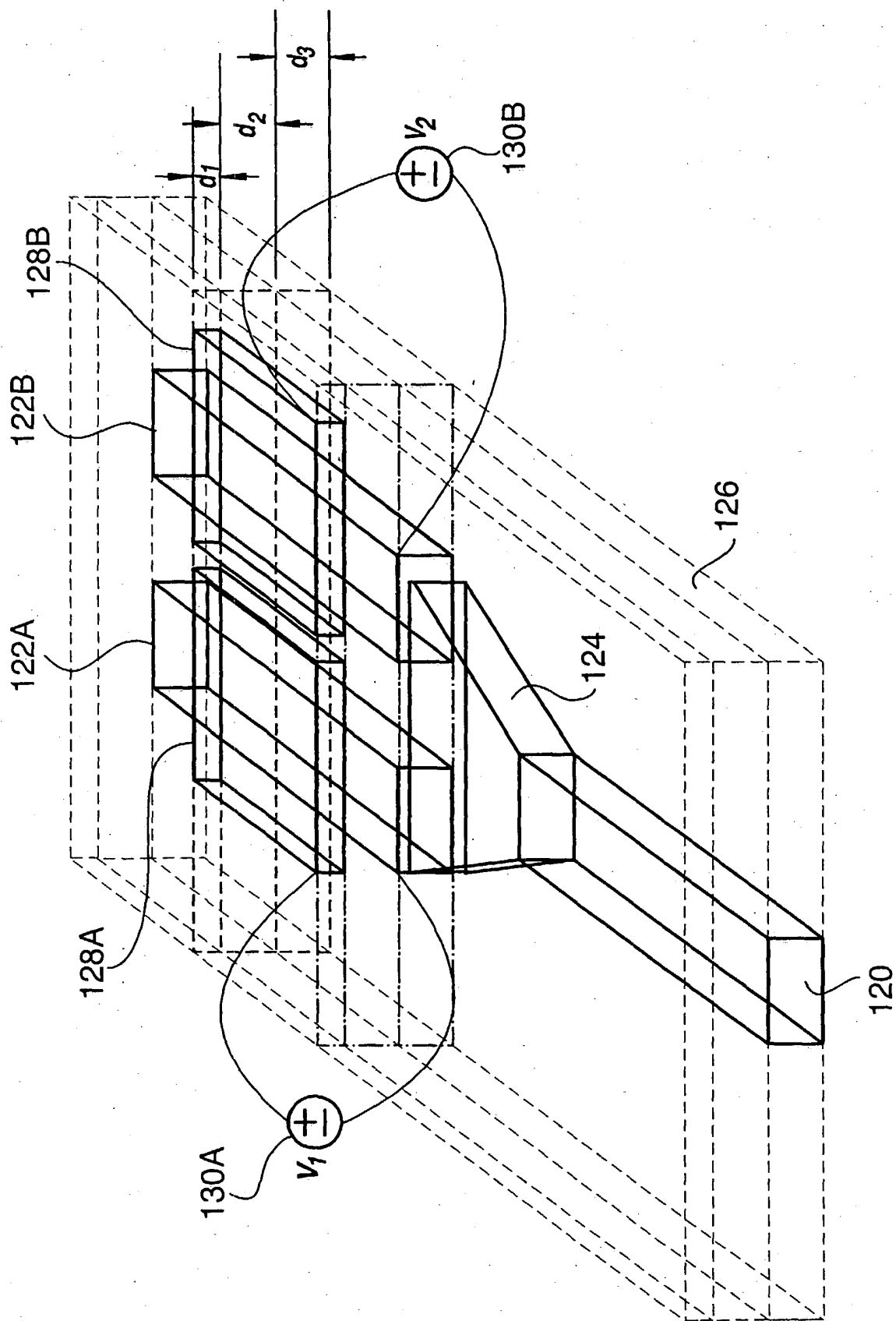


FIG. 48

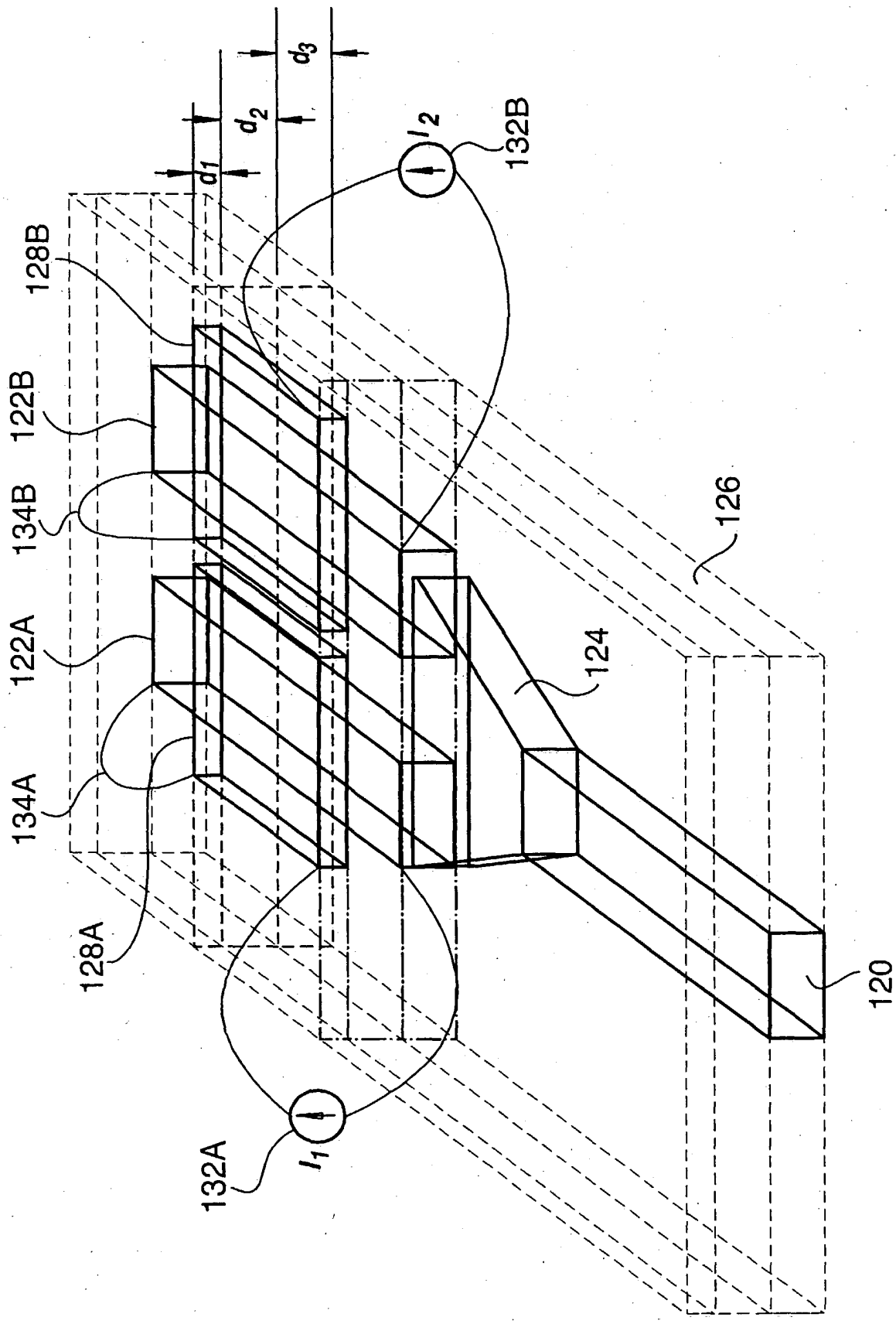


FIG. 49

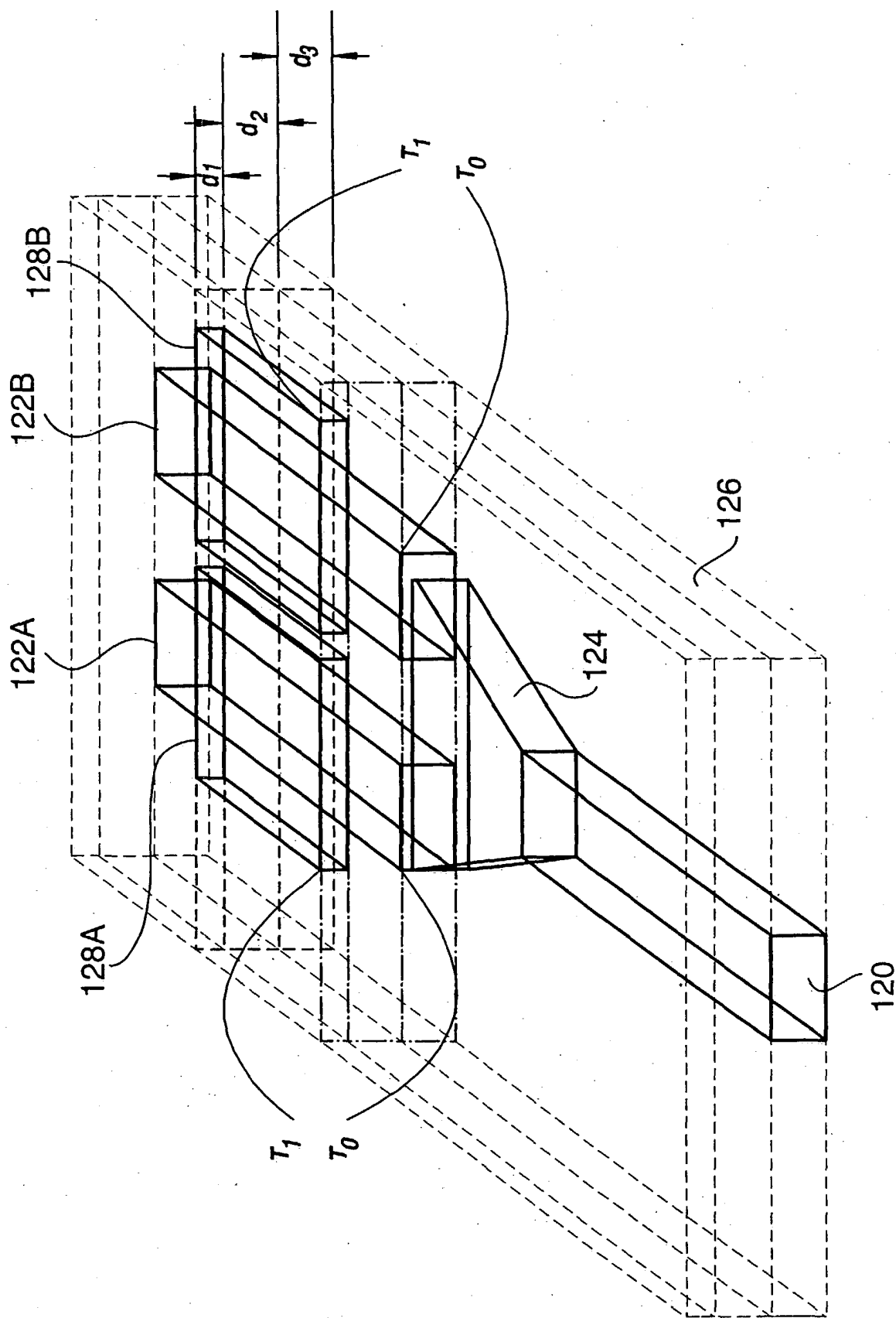


FIG. 50

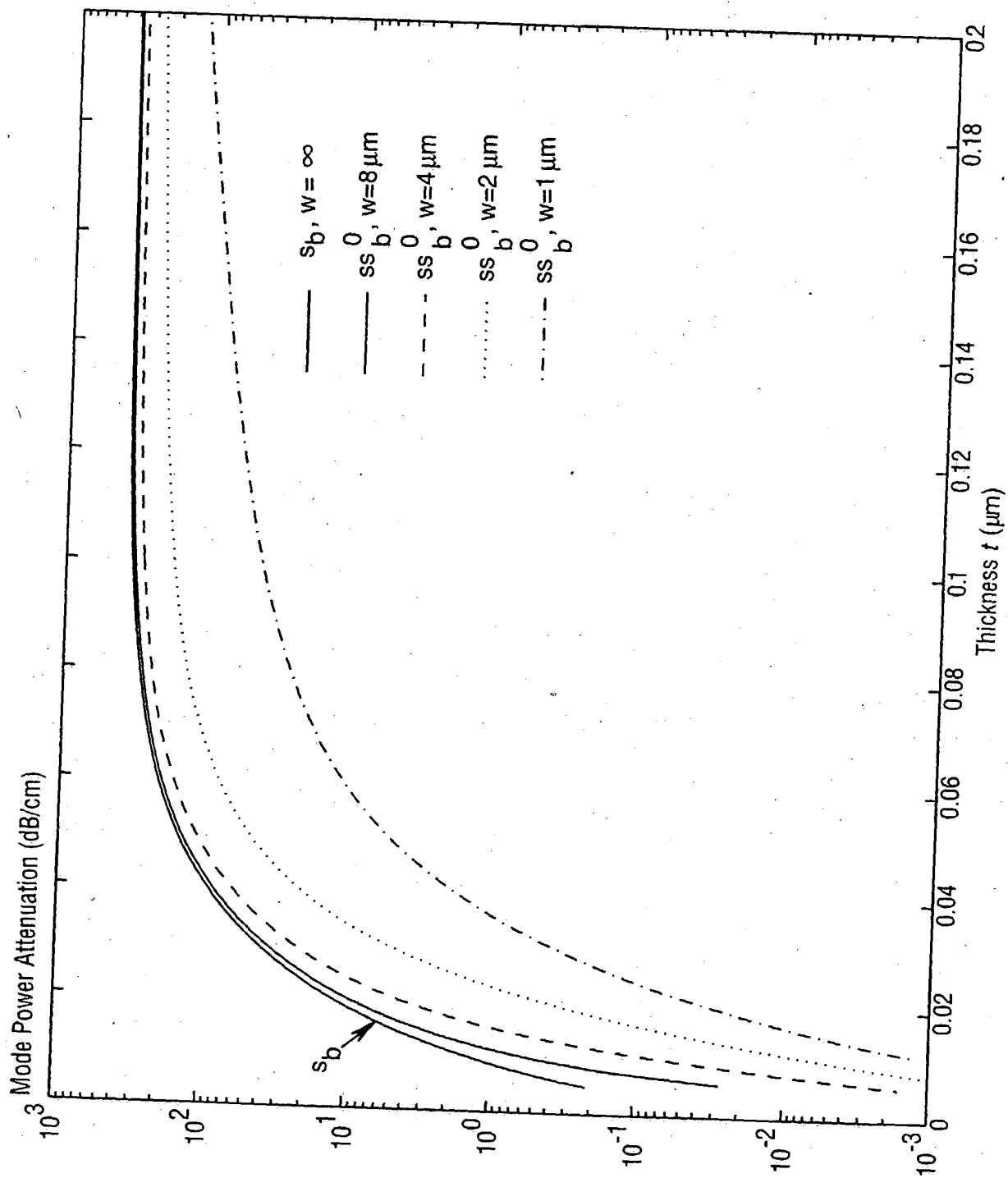


FIG. 51

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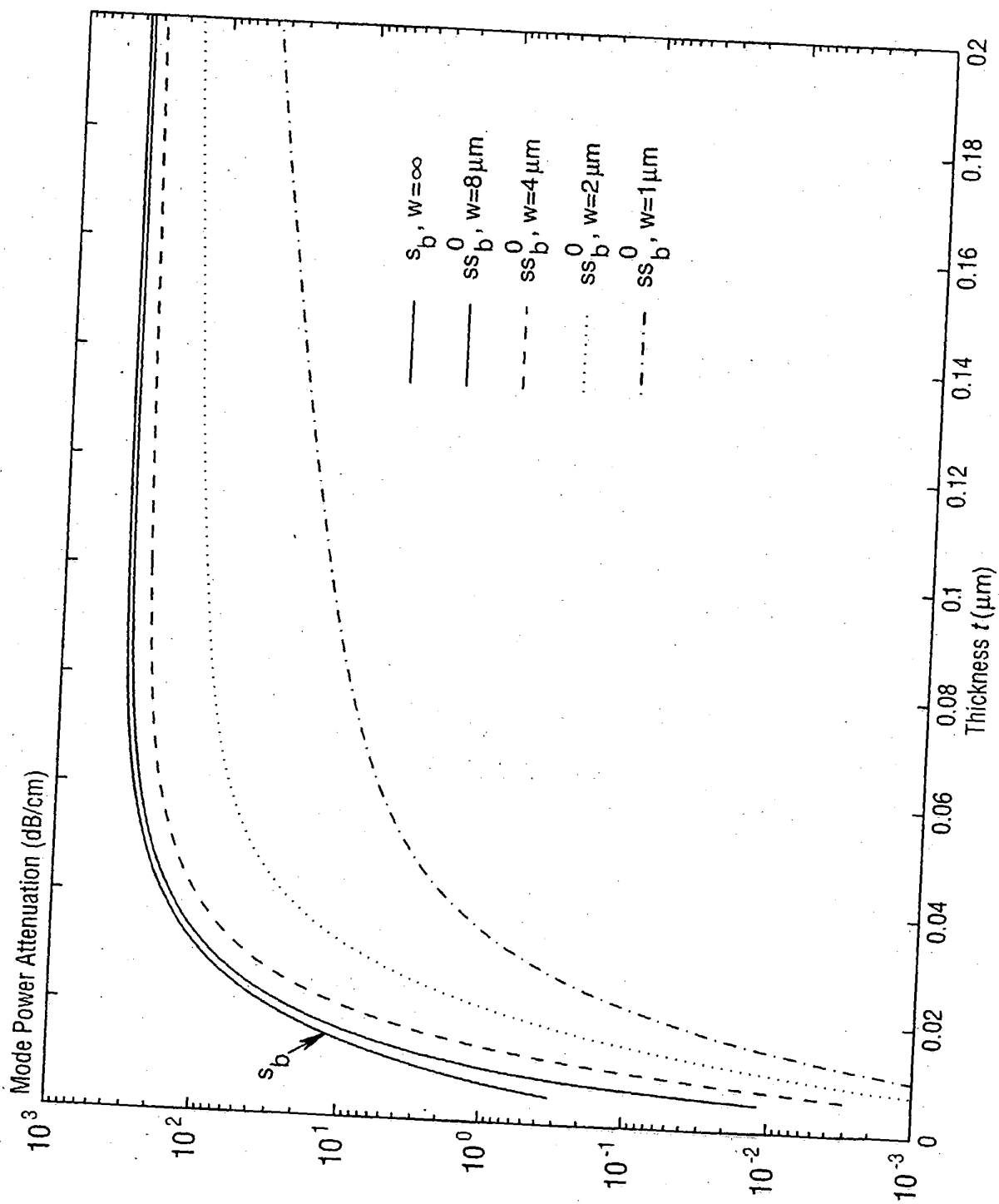


FIG. 52